



Open-Source Enthusiast ♦ Linux Guru ♦
DevOps ♦ Developer ♦ Architect ♦
Virtualization ♦ Microservice ♦ Cloud ♦
Kubernetes ♦ Containers ♦ IAC ♦ CI/CD ♦
GitOPS ♦ R&D ♦ Solutions ♦ Network ♦
Database ♦ Storage ♦ Security ♦ Scripting

♦ Engineering ♦ Design ♦ Consultant



✉ baturorkun@gmail.com

☎ +90 (533) 778 72 53

📍 Ankara, Turkey

Personal Profile

A few words about me

His first encounter with the internet was on Unix systems in 1994. Later on, he started writing his first web pages at these years. Although his age is not impressive, he has seen Netscape 1.0 and even created web pages with HTML libraries containing only three tags. This was a giant leap after the Lynx command in Unix.

For 13 years, he worked as a software developer, database administrator, system administrator, and project manager at 2 of the largest universities in Turkey. He studied many academic and military projects.

One day he left the academic environment to jump into the startup market and worked in Turkey, the Netherlands, the US, and the UK, sometimes remotely and sometimes on-site.

He never used windows on his personal computers, instead they were always based on Linux or OSX. He started using Linux since the first hours of the Slackware distro and has a passionate connection with Linux. He is a complete Linux geek.

After 20 years of working on different topics in many projects, he decided that the new title DevOps, which stands out with in the cloud world, was the most suitable field for him.

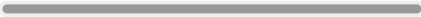
Nowadays, results-driven DevOps Engineer and Cloud Architect with expertise in architecting and implementing robust infrastructure solutions. Skilled in optimizing software development practices and ensuring the high availability and scalability of systems. Proficient in public cloud platforms like AWS, Google, Azure and also worked on private cloud for many years before public clouds. Since 2019, he has been working intensively on Kubernetes on public and private cloud. CI/CD pipelines, Infrastructure as Code (IaC), scripting, and security. Strong collaboration and problem-solving abilities, driving innovation and seamless integration across development and operations teams. Additionally, He has a comprehensive background in Linux distributions from followed by the Linux Slackware Distribution in 1995, and subsequently working with various distributions including Debian, Ubuntu, RedHat, and many others.

Technical Skills

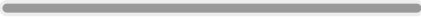
This is what I am good at

The knowledge of man depends on his will and desire for learning. (Yet) Not mastering a language, tool or platform at this moment does not mean that I am not able to use it. The important thing is to be able to construct it. I've always worked passionately in these five areas; DevOPS, System/Linux, Open Source World, Software & Architecture, Databases.

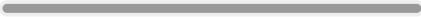
DEVOPS



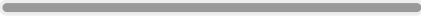
AWS



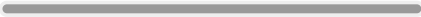
DEVELOPER



OPENSIFT



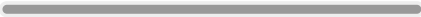
AKS KUBERNETES



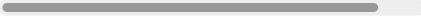
TEAM LEAD



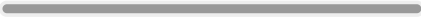
PYTHON



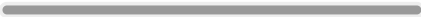
C/C++



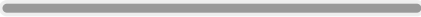
PHP



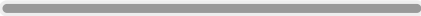
IAC (INFRASTRUCTURE)



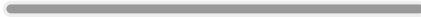
HELM CHARTS



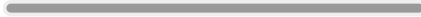
GITLAB CI/CD



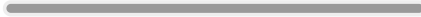
LINUX



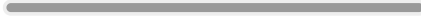
(GOOGLE CLOUD) GCP



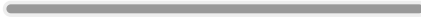
CONTAINERS



EKS KUBERNETES



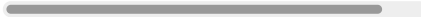
RKE2/RANCHER



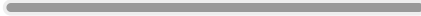
BASH/SHELL PROGRAMMING



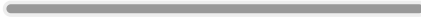
PYTHON FLASK



JAVA



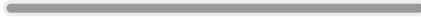
ERLANG



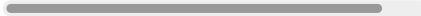
ANSIBLE



CI/CD



GITHUB ACTIONS



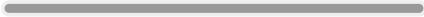
MICROSERVICES



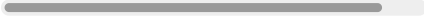
AZURE



KUBERNETES (OVERALL)



GKE KUBERNETES



MICROK8S



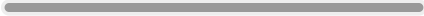
GO PROGRAMMING



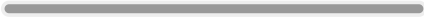
PYTHON DJANGO



GROOVY



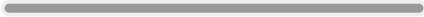
RUBY



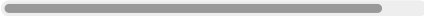
TERRAFORM

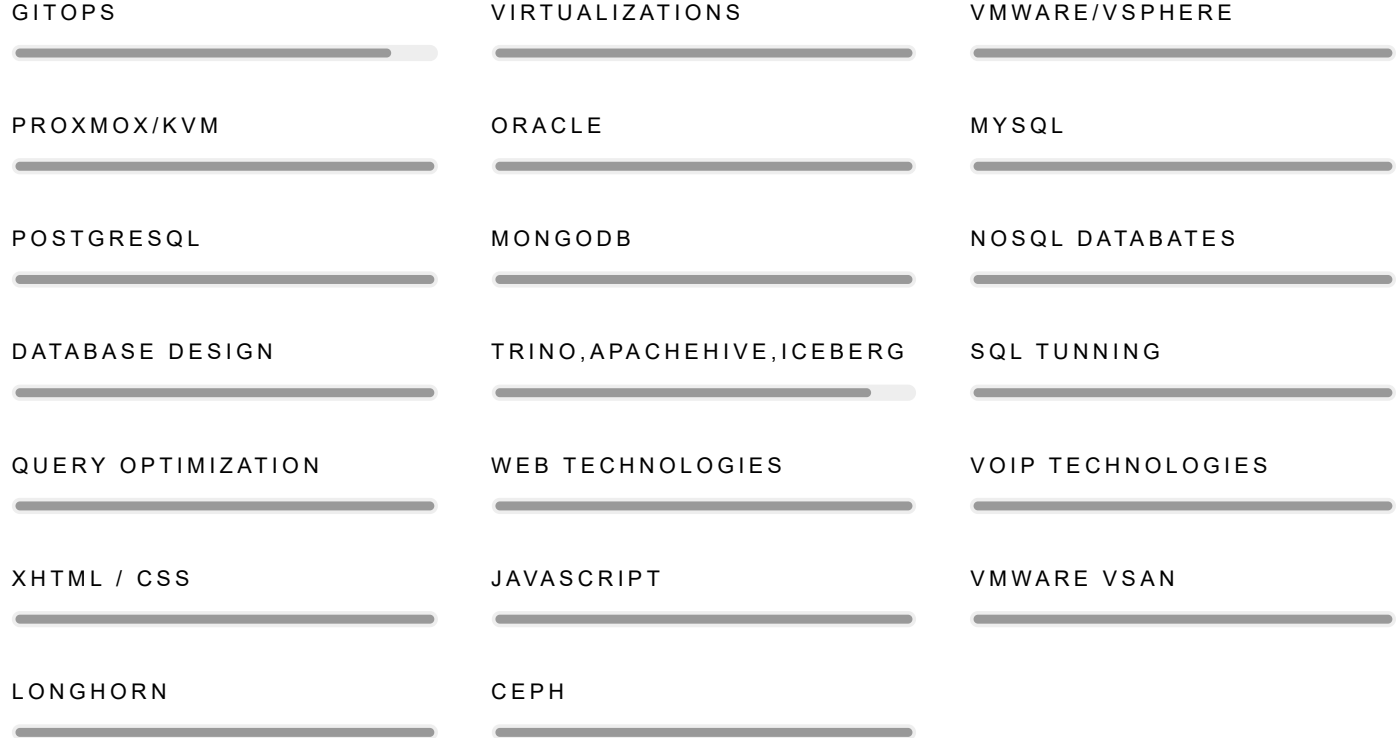


JENKINS



ARGOCD





Work Experience

Current and previous employers

DevDataOps Engineer

TMEX - Turkish Mercantile Exchange

Period:Sep 2024 - Present

Job type:Full-Time

- Functioned as a DevOps Engineer at private cloud & Kubernetes
- Working on DataOps Operations
- Written Terraform and HELM IaC to deploy microservices on Rancher Kubernetes.
- Implemented CI/CD pipelines using Jenkins and Github Actions
- Database Administrator on PostgreSQL EDB Clustering and PgPool II Cluster
- Implemented monitoring and logging solutions using tools like Prometheus, Grafana, Loki, ElasticSearch

AI Tools

- DevOps
- DataOps
- RKE2 / Rancher
- Monitoring
- Logging
- Jenkins
- Github Actions
- PostgreSQL
- PgPool II
- Kafka
- Apache Ingite
- Linux
- BASH

- Apache Kafka Cluster
- Apache Ingite Cluster
- Linux Administrator Operations
- BASH Scripting

Strategic Consultant and SRE Engineer

Brado, St. Louis, MO, USA (Contract - Remote)

Period:Jun 2024 - June 2024

Job type:Contract

- Functioned as a Strategic Consultant and SRE Engineer at Brado
- DevOps and Cloud Engineer at Azure Cloud Platform
- Designed and implemented high availbility, disaster recovery DevOps architectures and practices for SaaS applications.
- Terraform coded on the AzureRM provider.
- Implemented CI/CD pipelines using Azure DevOPS.
- Consulting and support to software teams to migrate applications running on VM to AKS - Kubernetes.

AI Tools

- SRE
- DevOps Architect
- Cloud Engineer
- Terraform
- Azure Cloud
- AKS- Kubernetes
- CI/CD - Azure DevOPS
- HA Solutions
- DR Solutions

SRE / DevOPS & Cloud Engineer

Peaka.com, Palo Alto, California, USA (Contract - Remote)

Period:March 2022 - Jun 2024

Job type:Contract

Zero-ETL Data Integration

- DevOps Architect
- Cloud Architect
- Google Cloud
- AWS

- Functioned as a DevOps and Cloud Architect at Code2, specializing in SaaS Apps Consolidation and Web app development using no-code platforms.
- Designed and implemented robust DevOps architectures and practices, optimizing software development, testing, and deployment processes for SaaS applications.
- Spearheaded the architecture and management of cloud infrastructure on AWS Kubernetes (EKS) and Google Kubernetes (GKE) platforms, ensuring scalability, availability, and cost-efficiency.
- Implemented CI/CD pipelines using Tekton and ArgoCD, automating the build, test, and deployment of applications for seamless software delivery.
- Utilized Infrastructure as Code (IaC) principles and tools to provision and manage cloud resources, such as AWS CloudFormation or Terraform, ensuring consistent and reproducible infrastructure.
- Implemented GitOps practices, utilizing Git repositories as a single source of truth for managing and deploying infrastructure and application changes.
- Leveraged Python programming for scripting and automation tasks, enhancing operational efficiency and reducing manual effort.

- Kubernetes
- GKE
- CI/CD
- Tekton & ArgoCD
- Infrastructure as Code (IaC)
- GitOps
- Python
- GoLang
- Monitoring
- Logging

DevOPS Engineer

T2Soft, Munich, Germany (Contract - Remote)

Period: April 2022 - March 2024

Job type: Contract

- Worked as a DevOps Engineer at T2Soft, collaborating with contractor companies in Germany on various projects.
- Contributed to the GitLab progress for one of Germany's largest defense industry companies,

Automotive Industry

- Private Cloud
- DevOps Architect
- Kubernetes
- Openshift (OCP)
- Python
- GoLang
- CI/CD
- Infrastructure as Code (IaC)
- Gitlab CI

implementing DevOps practices and optimizing the software development lifecycle.

- Implemented CI/CD pipelines and automation tools to automate software builds, testing, and deployments, reducing manual effort and improving release cycles.
- Worked on infrastructure provisioning and configuration management, utilizing tools like Ansible and Terraform to ensure consistent and scalable environments.
- Wrote DevOPS Tools with Golang and Python
- Written HELM IaC to deploy microservices on Openshift Kubernetes.
- Wrote advanced Bash Scripts to check for or implement some issues.

DevOps & Software Architect

T2 Software, Ankara, Turkey (Hybrit)

Aselsan (Turkish Armed Forces Foundation) - Military Projects

Period:March 2021 - March 2024

Job type:Full-Time (March 2021 - March 2022)

Job type:Part-Time (March 2022 - March 2024)

- Worked as a DevOps Engineer at T2 Yazilim (Turkey), collaborating with contractor companies on various projects.
- Contributed to the GitLab progress for one of Turkey's largest defense industry companies (Aselsan, Havelsan), implementing DevOps practices and optimizing the software development lifecycle.
- Supported the development and delivery of projects related to wireless charging units, providing testing services and ensuring efficient and reliable deployment processes.

Military Projects

- Microservice Architectures
- Kubernetes
- OpenShift Cluster Platform
- RKE2 / Rancher
- Microk8s
- Infrastructure as Code (IaC)
- Private Cloud
- Virtualizations
- Containers
- RedHat Solutions
- VMware Solutions
- Linux Administration
- Private Network Management
- CI/CD
- Gitlab CI
- Jenkins
- Bash/Shell Programming
- Python

- Implemented CI/CD pipelines and automation tools to automate software builds, testing, and deployments, reducing manual effort and improving release cycles.
- Worked on infrastructure provisioning and configuration management, utilizing tools like Ansible and Terraform to ensure consistent and scalable environments.
- Written HELM IaC to deploy microservices on Openshift and Rancher Kubernetes.
- Installed two private cloud environments via VMware vSphere (+vSAN, 6 nodes) and Proxmox Cluster (3 nodes)

DevOps Engineer & SRE & Gopher

Picus Security, Ankara, Turkey (Hybrit)

Period: February 2019 - March 2021

Job type: Full-Time

- Implemented and maintained robust Site Reliability Engineering practices to ensure high availability, scalability, and performance of systems.
- Managed and optimized AWS infrastructure, leveraging services like EC2, S3, RDS, and Lambda to meet business requirements.
- Developed automation scripts using Golang and Python to streamline operational tasks, enhance system monitoring, and improve incident response.
- Implemented and maintained CI/CD pipelines using tools like Jenkins or GitLab CI/CD to automate software deployments.
- Conducted regular performance testing, load testing, and capacity planning to ensure optimal system performance and scalability.
- Implemented monitoring and logging solutions using tools like Prometheus, Grafana, and ELK stack for proactive system monitoring and troubleshooting.

Cyber Security

- DevOps Architect
- SRE
- AWS
- Linux Administrator
- Software Architect
- GoLang Developer
- Python Developer

- Implemented security measures and best practices, such as access control policies, encryption, and vulnerability management, to protect systems and data.

DevOps Engineer

Connected2.me, Turkey

Period: February 2018 - September 2018

Job type: Full-Time

- Proficiently managed and administered Linux systems, ensuring their stability, security, and performance.
- Demonstrated expertise in AWS solutions, leveraging services like EC2, S3, VPC, and IAM to architect and deploy scalable and resilient cloud infrastructures.
- Utilized XMPP and Erlang technologies to enhance real-time communication and messaging capabilities within the platform.
- Leveraged Ruby and Fastlane for automating mobile app builds, testing, and deployment processes.
- Implemented WebRTC technology to enable secure and efficient real-time communication features within the platform.
- Implemented monitoring and logging solutions to proactively monitor system performance and troubleshoot issues, utilizing tools like ELK stack and Prometheus.
- Ensured robust security measures and best practices, such as access controls, encryption, and vulnerability management, to safeguard systems and data.

Social Media / Mobile

- DevOps
 - Linux Administrator
 - AWS
 - Python
 - XMPP
 - Erlang
 - Ruby
 - Fastlane
 - WebRTC
 - MySQL
-

Software & Infrastructure Architect

Telecom Company

Orkutel BV, Netherland (Remote)

Period: August 2017 - February 2018

Job type: Full-Time

- Led the design and implementation of robust and scalable infrastructure solutions to support VOIP services on the company's own servers.
- Managed and maintained the company's own server infrastructure on datacenter in Netherlands, ensuring high performance, availability, and security for VOIP services.
- Actively participated in capacity planning and scaling efforts to accommodate increasing VOIP traffic and user demands.
- Coding Mobile App on Android
- Coding Admin Panel on PHP

- VOIP
- Coder
- PHP
- Zend Framework
- Java
- Consultant
- Linux Administrator
- VOIP Architect
- Software Architect
- Asterisk Expert
- WebRTC

CTO (Chief Technology Officer)

VOIP Tecnologies

Voxporta Teknoloji

Period: January 2013 - May 2017

Job type: Full-Time

- Led the technology department as the Chief Technology Officer, overseeing the development and implementation of VOIP (Voice over IP) solutions, specifically utilizing Asterisk, to deliver high-quality voice communication services.
- Architected and built robust and scalable VOIP solutions using Asterisk, ensuring seamless and reliable voice communication for clients.
- Designed and developed WebRTC-based video conference products, leveraging Asterisk for enhanced audio capabilities and interactive video communication experiences.

- VOIP
- CTO (Chief Technology Officer)
- Consultant
- Linux Administrator
- Team Lead
- Software Architect
- Product Development
- PHP
- Laravel Framework
- Python
- Asterisk Expert

- Actively involved in DevOps tasks, implementing automation and infrastructure-as-code principles to streamline software development, testing, and deployment processes.

System Administrator & Project Manager

Bilkent University, Turkey

Period: May 2001 - December 2013

Job type: Full-Time

- Managed and maintained the integrated IT systems of the university, including high-traffic services.
- Oversaw the installation, configuration, and daily operations of the network infrastructure, ensuring optimal performance and reliability for high-traffic services.
- Collaborated with cross-functional teams to optimize the performance and scalability of high-traffic services.
- Contributed to the development of backup and disaster recovery plans specifically tailored for high-traffic services, ensuring minimal downtime and data loss.
- Oracle Cluster DBA Issues Service and server maintains
- SQL Tuning Issues for all programs developed by Computer Center

Computer Center / R & D Staff

- System Analyst
- Web Developer
- PHP
- Linux System Administrator
- Linux System Programming
- Project Manager
- Oracle Administrator
- PL/SQL Programming
- Full-Stack Developer
- Perl Programming

Database Developer

Başkent University, Turkey

Period: March 1998 - May 2000

Job type: Full-Time

- Developed and maintained full stack applications for

Student Affairs Automation Project

- PL/SQL Developer
- Web Developer
- Database Design
- Oracle Administrator
- Perl Programming

Baskent University, ensuring seamless functionality and user experience.

- Worked on high-traffic services, optimizing performance and scalability to handle a large volume of users and data.
- Oracle DBA Issues
- PL/SQL Developing for Infrastucrure
- C/C++ Programming for Student Affairs

Web Developer & Linux Admin

Umay Internet Company, Turkey

Period: June 1997 - March 1998

Job type: Part-Time (Student)

- Developed and maintained full stack web applications
- Maintaining Apache Web Servers on Linux
- Web-based programming with CGI Language
- Web-based programming with Perl Language

Internet & Web

- HTML
- Design
- CSS
- JavaScript
- Linux Servers
- CGI Programming
- Perl Programming

Education

An overview of my educational background

Hacettepe University Mathematics & Computer Science, Ankara (Turkey)

Bachelor of Mathematics & Computer Programming

Applied mathematics & Computer Programing Algorithm & Programing Languages

Başkent University Computer Engineer

Master's Degree

One year of scientific preparatory courses were taken.

Work Samples

A showcase of my projects



Peaka.com

T2 Development Platform

DevOPS & Development Platform

Microservices-Based Platform

Private Cloud Establishment & Management

Kubernetes Architectures

- Private Cloud Administrator
- DevOPS Design & Programming
- CI / CD
- Infrastructure as Code(IaC)



T2 Private Cloud DevOPS & CI/CD & IaC

Connect your SaaS data.

Gain insights

Create powerful apps

All without code.

- Google Cloud
- Kubernetes - GKE
- CI / CD
- Infrastructure as Code(IaC)
- Monitoring
- Logging
- Security



DevOPS & Microservice Infrastructure Architecture

REMIKS

Microservices Framework for Military Projects.

- DevOPS Design & Programming
- CI / CD
- Infrastructure as Code(IaC)
- Consultant



DevOPS & Microservice Infrastructure Architecture

HAVASOJ (Stand-Off Jammer)

Aerial Platform Remote Electronic Support and Electronic Assault Capability Acquisition Project (HAVASOJ) – SHADOW Program

- DevOPS Design & Programming
- CI / CD
- Infrastructure as Code(IaC)
- Consultant



picussecurity.com

THE PICUS CYBER DEFENSE VALIDATION PLATFORM

The Picus Platform provides insight on cyber attack readiness across the whole defensive estate, aligns stakeholders within cybersecurity and corporate environments, and pre-empts adversarial attempts.

- Haskell Language
- Go Language
- AWS Solutions for Cloud Customers

Link : <http://picussecurity.com>

Picus-MAN

Picus-Man is an internal DevOps tool to create & manage instances on AWS, manage customer



licenses on CRM, auto-upload license to the cloud customers, report problems on customer instances, report some statistics from customer's databases, etc...

- GoLang
- Python
- Terraform
- Docker on Production
- AWS RDS - PostgreSQL
- AWS ECS
- Aws-Cli tool
- Salesforce CRM Integration



pttavm.com



ready2sale.com

Build, Launch or Grow Your e-Commerce Business

About: Ready2Sale is the platform which you can do export/import fast and easy. You can add and sale over 5.000.000 products which are ready2sale to your website.

Platform Provides: The platform is not about only building a e-commerce website for you. We provide a complete business model.

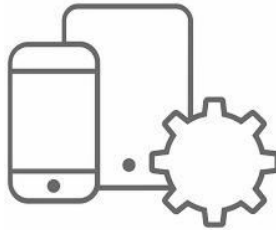
Platform Features: You can start your crossborder sale with the platform. You can select over +5.000.000 products which is already in Ready2Sale.

- * Shipment Solution
- * Exporting Documentation
- * Thousands Of Brand
- * Easy To Manage

- PHP
- .NET

- Mongo Cluster
- ElasticSearch
- Redis Cluster

Link : <http://read2sale.com>



C2M - Mobile CI

Mobile Continuous Integration on OS X (Mac)

Mobile Continuous Integration (CI) Tools for iOS and Android

Continuous delivery helps you test and build your app in a way so that it can be ready whenever you want it to be released at any point in time.

- * Start automatic UI test process on hardware or virtual devices when detect git commit.
- * Automatic Nightly build versions for testflight and beta tracks.
- * Scheduled weekly production deploy.

- Ruby
- Fastlane
- Python
- Tomado
- Bash Programming
- NodeJS



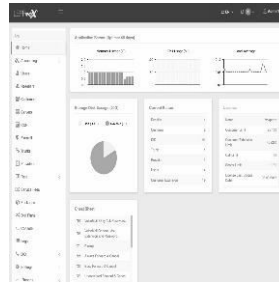
ORKUTEL - Tryngle VOIP System

Enjoy with tryngle™ the freedom and quality of mobile telephony, VoIP technology and the convenience of smartphones. Real carefree calls from now on!

- iOS App
- Android App
- Web RTC
- Asterisk for SIP server
- C for Asterisk module
- PHP for Asterisk AGI
- NodeJS for Web socket
- Java and C for Android APP

- Objective-C and C for iOS APP

Link : <http://www.orkutel.com>



LEAPvoX Cloud Multi-Tenancy Communication Solutions

ITSP is an integrated software solution for voice operators and service providers. It's primarily an IP switch. The grid has a multi-tenant server architecture that can grow horizontally in this structure. Several technologies have been used on top of a system running on at least two Linux-based servers.

- Asterisk for SIP server
- C for Asterisk module
- PHP for Asterisk AGI
- Laravel Framework with PHP
- Web interfaces HTML5, XHTML, DHTML, CSS, SAS, JavaScript
- NodeJS for Web socket
- Java and C for Android APP
- Objective-C and C for iOS APP
- Python for TCP socket - Tornado
- Installation, Cron Jobs, Backup, System Healthy Check Bash

Link : <http://www.leapvox.com/sanal-santral>



LEAPvoX® SME - Phone, e-mail, web, SMS, fax management in one

LEAPvoX® is an all-in-one communication portal. The platform combines a high-end IP telephony switch and e-mail, web and fax server capabilities in one affordable box. The device also provides a wireless network for VoIP phones and Wi-Fi enabled users.

LEAPvoX® is the ideal solution for small and medium-sized companies looking for professional grade communications services at affordable prices.

Link : <http://www.leapvox.com/leapvox-kobi-santral>



Enterprise IP-PBX

With a centralized management for large enterprises and institutions it's a high-capacity hybrid pbx-system. IP, analogue and ISDN lines can be terminated in one device.

It is an integrated, functional and professional communication solution developed to meet all the communication needs of institutional, medium and large-scale institutions.

In addition to IP telephones, gateway devices and analog phones can be connected to the system to take advantage of almost all of the features of an IP telephone exchange.



LeapMEET Video Conference System

It is a web based video conferencing system. It runs on WebTRC technology which is written in NodeJS. The system works on our proprietary C-based TurnServer software. Google is used as the STUN server. LeapMEET is compatible with your browser by installing our Chrome Extension or Firefox add-on. You will find them on their respective repositories.

Summary general features:

- Dynamic room and session creation
- Automatic invitation system via email
- Save session
- Room managers
- Session managers
- Dynamic image quality according to Internet speed
- Image closure
- Mute
- Image template replacement



Fax2Mail - Fax Server

All you need is an internet connection ...

Fax data transport infrastructure with T38 or G711 codec over SIP.

With an advanced user interface, you can terminate the trunk connections from your SIP provider



and start sending a fax by number-based user authorization through a web form or by e-mail.

Your incoming fax will be forwarded as a PDF file to the email accounts of the respective users according to their authorization.

Forward incoming faxex to someone else. No need to resend. Many more advanced features such as batch faxing.

Interfaces are written in PHP with Zend Framework. The system is built on Linux Debian and works on Asterisk.



Call Center

Advanced Call Center software which can be used for both inbound and outbound calls.

- Most common and useful features in Call Center are:
- Automatic Call Distribution (ACD)
- Call Center Monitoring and Analytics
- Call Recording
- Call Transfer and 3-Way Calling
- Contact Management. ...
- Computer Telephony Integration (CTI)
- Call monitoring
- Whisper coaching
- Voicemail
- CRM Integration

Asterisk based, C encoding on Linux. Interfaces are web-based PHP, developed with Zend Framework.



Scalable-Secure-Distributed Storage System

This is a Tübitak supported project. I worked there as a project manager and designer. The project involved the creation of a large server from many small servers made up of ARM processors. The working structure is that of a blade server where every server contains one processor and one disk. In the background we used a storage system called CEPH to create one secured disk.

For background processes we have used Python, for the front user interface we have used AngularJS. For installation and Linux operations we have used Bash. The project lasted 2 years. It resulted in a working product with our own hardware and software.

The design of the blade servers and backplane was done by us and produced by the company Liantech in China.



Radio IP PBX (ASELSAN)

We have developed the project for ASELSAN.

We have developed a project where the IP PBX on board of the ship communicates with the ship's transceivers. The calls are made through IP phones and the transceivers are invited to the conversation. The IP phones and transceivers are brought together in a conference room. The IP phones can be used like a transceiver where the star key operates as the push button.

The system which is installed on a server, connects to the transceivers via multichannel sound cards. Our proprietary conference system application is transferring the sound cards via the softphones to the conference room. With the push button detection the mute and unmute operations are applied.

The whole system can be managed by an API. The system is running on Debian Linux OS and furthermore C, NodeJS, PHP and Java were used.



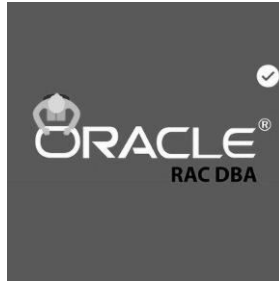
(ASELSAN) 9600 Series VHF/FM Frequency Hooping Military Radio Family

ASELSAN V/UHF Software Defined Radios (SDR's) are a high performance digital radio family designed within 30-512 MHz band to support land, marine and air platform applications.

Software configurable architecture enables supporting various tactical and professional radio waveforms and EPM techniques.

My tasks in the project are:

- Frequency Hopping Algorithm.
- Area relay placement algorithm.
- Filling the devices called Fill Gun with Frequency data.
- Loading Frequencies to radio from Fill Gun.



Oracle DBA

My first encounter with Oracle was at version 7 in 1999 at Başkent University. I started to develop applications for the university on the structure called Oracle Form. Then I continued to develop applications on Oracle at Bilkent University. I wrote applications with Delphi, Java and PHP-OCI. I also wrote a large number of Oracle functions and procedures with PL / SQL. After 7 years of experience in Oracle Developer, I received a number of DBA trainings at Oracle University. Laer on I worked as an Oracle DBA at Bilkent University.

I know PostgreSQL and MySQL databases besides of Oracle at a very high level.



Linux Administrator

The first operating system I use in real terms is the Unix operating system. After I first met Unix in 1993, I first introduced Linux to Slackware distribution in 1996. Slackware is considered the first Linux distribution. Then in 1999 I got to know Solaris and Unix on Oracle and SUN systems.

Hundreds of Linux servers have been installed, worked, and are still working. My favorite Linux distribution is Debian.

I used many linux distributions, starting with ubuntu as a desktop before OSx.



Student Academic Information Systems (STARS)

STARS is a great automation of all academic processes of a university. The system is running on Oracle, all basic operations are function / procerure with PL / SQL. Interfaces are written in Delphi, Java, Web / PHP, Android and iOS.

The STARS project took about 3 years to complete.



Administrative Information Systems (BAIS)

BAIS is a great automation of all the administrative processes of a university. In the system



running on Oracle, all basic operations are function / procedure with PL / SQL. Interfaces; It is written in Delphi, Java, Web / PHP.

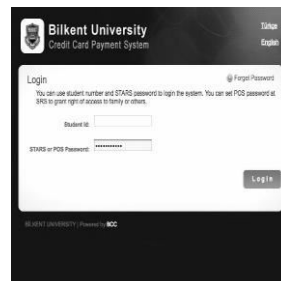
The project generally took 2 years to complete.



LDAP Account Management

A distributed index service protocol based on the client-server model running on the TCP / IP protocol.

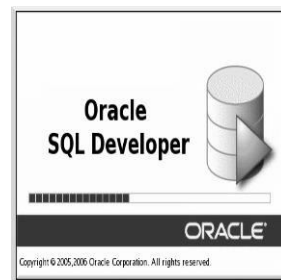
I first met with LDAP at Bilkent University as a software developer. I developed a PHP based LDAP management interface. Later, by installing and managing LDAP, many organizations and organizations have rescued the need to use Active Directory.



Credit Card Payment System

The platform where students buy services by paying instantly with their credit card.

<https://stars.bilkent.edu.tr/pos/login/?lang=en>



PL/SQL Developer

At advanced level, I wrote functions and procedures with Oracle PL / SQL.

I have SQL knowledge at very good level. I have worked hard with SQL Tuning.



Delphi Developer

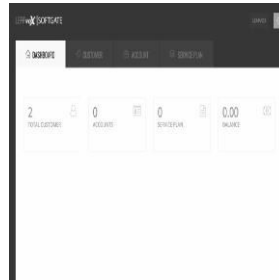
My first meeting with Delphi was in 1996 with the first release of Borland.

I made a simple cash register for my dad, the apartment manager. Afterwards, i worked for



freelance.

Professionally, I also worked with Delphi 3 on TIGEM (Agricultural Government Institution). I did not go on after using Delphi 4 -6 versions at Bilkent University. Since I did not have a future in client-server architecture, I went to web programming and system programming.



SoftSwitch Gateway

Complementary to Sippy Softswitch.

- Provides an innovative and simple interface
- Android and iOS Softphone provide support.
- Provides Auto Provisioning support.
- Push notification provides support.
- Calling Card module provides support.



JetAnket.com

It is the first pollution survey site of Turkey.

Make your survey online and reach millions.

It is a technological survey service that you can integrate into your website.

You can create polls and polls, present them on your website or blog, Receive reports, share them on facebook and with your friends.

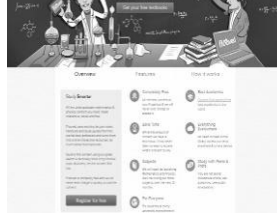
Easily Create Poll With 10 different question types, you can easily create your survey with "drag and drop"

Graphical Survey Results You can review, print and use the survey report with ready-made charts.

In 2009 I came out of a survey editorial project that I wrote entirely with JavaScript.



Online Library



Study Smarter. Get access to a huge online library of quality open access content. Just re-launched!

Flooved is an online education platform founded in 2011, that seeks to provide free education to a global audience by providing lecture notes, handouts, and study guides online, beginning with undergraduate mathematics and physics content.

I wrote the code that convert PDF to text and indexed all words. (Sphinx, SQL full-text search engine)

Landing pages and library interfaces; speed search, add annotation, Underline, highlight, marked, add notes etc...

<https://twitter.com/flooved?lang=en>



UzmanSorusu.com

It is a stackoverflow.com style. We have tried to create a Turkish technical question and answer site.

In short, the Expert Question is a social network where you can ask technical questions in the field of software and write answers to previously asked questions. In this social network, which provides a suitable environment for you to meet new specialists in your subjects, you gain your points with the correct answers to the questions and you gain popularity here.

<http://www.uzmansorusu.com>



AskCadisi.com

Turkey's top quality friendship site.

Our fun matching system makes it easy for you to find your ideal partner, sort out the people you never want to meet.

<http://www.uzmansorusu.com>



Hacettepe University DNA Bank DB & Software

The patient tracking and reporting system I wrote for Hacettepe University DNA Bank.



I encoded the web based system with the framework I developed using PHP. Oracle was used as the database.



Eksperin.com

You can ask your questions to experts on the phone. Instant feedback with the best of what you want.

I have written down the bases where the customers can make conferences with special passwords via a number with experts.


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