

SUMMARY

My objection is a position in the field of computers with special interests in business applications programming, information processing, and management systems with cutting-edge technologies. I used to design my applications with functional programming techniques.

I planned my place in the IT world in a very broad framework. Because it is very enjoyable for me to research and develop everything related to technology.

As a Software Engineer, I have a strong background in designing, implementing, maintaining web application and services, deploying and administration of applications on the servers.

I developed .Net, Django, Flutter/Dart, Java, Swift UIKit, Angular, Abp dotnet projects for enterprise companies and set up their database Postgresql, back-end, MVC projects, and domains. I want to work with companies that take software development really seriously.

PROFICIENT SKILLS Java, C#, .NET, Angular, Flutter, Reactjs, Swift, Git, Docker, Python, Django, Djangoestframework, REST API, MVC, Linux, Debian Linux, Red Hat Linux, Postgresql.

MODERATE SKILLS Aws, Google Cloud, Azure, Nix, Data Analysis, Functional Programming, Scala, Haskell, F#.

EDUCATION

*Bachelor of Science, **Computer Engineer***

Ahmet Yassawi University 2019 - 2022

Concentration: Computer Science

Grade: 3.81 / 4.00

*Bachelor of Science, **Computer Software Engineer***

Celal Bayar University 2019 - 2023

Concentration: Software Engineering

Grade: 3.13 / 4.00

*Bachelor degree, **Information Management Systems***

Anadolu University 2018 - 2021

Grade: 3.44 / 4.00

*Associate's degree, **Computer Programmer***

Dokuz Eylul University 2016 - 2018

Concentration: Computer Programming

Grade: 3.40 / 4.00

*Associate's degree, **Mechatronics***

Sakarya University 2020 - 2022

Grade: 3.47 / 4.00

*Bachelor's degree, **Civil Engineer***

Celal Bayar University 1999 - 2003

COMPUTER SKILLS

Languages & Tools:

- **C#**, .NET Core, Abp Framework, MVC design, Entity Framework, Windows Forms
- **Typescript#**, Angular, Reactjs, Nextjs
- **Python**, Django, DjangoRestFramework, FastAPI, Flask, Shell scripting
- **Java**, Spring Framework, Spring Boot, JavaFX Desktop Programming, Android Programming
- **Swift** IOS UIKit
- **Linux**, Server Management, Bash scripting, System Administration, Debian, Ubuntu, Fedora, Red Hat Enterprise Linux, Arch Linux, Clonezilla, Vim, Gnu/Emacs
- **Docker Containerization**, Virtualization, Virtualbox, Vmware
- **Git** Version Control Systems, Github, Gitlab
- **Data Analysis**, Numpy, Pandas, Octave, SageMath, Anaconda Data Science Platform
- **Nix** reproducible developer environments
- **Functional Programming**, Scala, Haskell, F# functional programming design and concepts
- **Object Oriented Programming**, Java, C#, Python, C++
- **Postgresql**, Psql, Pgadmin4, Postgrest
- **MSSQL**, Sql Management System
- **Cloud Computing**, Aws, Google Cloud, Digital Ocean, Azure
- **Development Tools**, Apache Http Server, Nginx, Xampp,
- **Mobile Development**, Flutter, Android Java Programming, IOS Swift Programming
- **Agile Development**, Scrum, Agile Testing, Unit Testing, NUnit, Redmine, Jira, Confluence, Trello, Wekan
- **Graphics Design, Media Applications**, Inkscape, Gimp, Diagrams.net, Dia, Obs Studio, HandBrake, Kdenlive, Audacity, Wordpress

EXPERIENCE

Software Engineer

2017 - Present

- **Gunkom Software:** Developed various frontend and backend projects at enterprise level.
- **B2B e-commerce:** Developed an enterprise Angular frontend / Abp Dotnet Backend B2B app.
- **Swift IOS:** Supported enterprise level Ipad app with Swift for new development features.
- **Flutter Mobile App:** Developed an enterprise Flutter mobile app for customer-welder portal. App launched on PlayStore and AppleStore.
- **NFC Payment Mobile App:** Developed an enterprise Java mobile app for payment with NFC and bank gateway backend.
- **Enterprise Workflow Web Application:** Support an enterprise company workflow project for new developments and support. In this application 65.000 flow executed for various companies.
- **Web Scrapping Data Analysis Web Application:** Developed a web application for representation with data analysis of on-sale devices that are web scrapped from various e-commerce websites.

- **Chess Course Management System:** Developed a web application to a chess club for student progress tracking, attendance, chess puzzle homework submission and grading software with C#, .Net Core web framework and MSSql database.
- **Web Applications:** Developed various small scaled web applications.
- **University Projects:** I explained many of the projects I carried out in detail in the Projects section.

Instructor

2017 - Present

Betul Cemre YILDIZ Chess and Robotic Organization

- Teaching Csharp programming courses to high school students.
- Performing Linux Administration courses to high school students.
- Giving Drone certificate courses.

Company Manager

2005 - 2015

Adacelik Engineering LLC

- We have done construction works in the public and private sector with my chief engineer duty.
- We produced furniture with 20 employees in the company I own.

PROJECTS

Celal Bayar University

2020 - 2022

- **Artificial Intelligence Project:** N-Queens problem solved with artificial intelligence algorithms and python programming language.
- **Tcp/Ip Network Programming Project:** Developed Battleship like multiplayer game with C#, Windows Forms. Two clients can play and communicate each other in the same network. <https://github.com/emre-yildiz-dev/CinsFlagsGame>
- **Twitter Clone Project:** Developed a basic twitter clone with .NET Core, C#, EntityFramework Core and Postgresql
- **ZeroToHundred Console Game:** Developed a Java console game that two sphere racing on a platform of numbers 1 to 100 in a Linux terminal emulator. <https://github.com/emre-yildiz-dev/zerotohundred>
- **BASE Programming Language Design Project:** Developed a single programming language with python interpreter. <https://github.com/emre-yildiz-dev/BASE>
- **E-commerce Back-end Programming Project:** Backend system with Java, Spring Boot REST Framework and Postgresql database.

Akhmet Yassawi University

2019 - 2022

- **Fitness Center Web Application Project:** Developed Fitness gym promotion and membership purchase web application with Django framework, python, Sqlite database. <https://github.com/emre-yildiz-dev/Django-Fitness>
- **Scientific Calculator Mobile Application Project:** Developed a mobile application that has scientific calculation properties with IntelliJ idea, Java, Android Sdk.
- **Course Management System:** Developed .Net Core 6.0 web application with MSSql database.

- **C lang Console Program:** Developed a console program to save newly learned words for a foreign language. Then retrieve them from a file randomly to memorize activities.
<https://github.com/emre-yildiz-dev/ForeignWordMemorization>

**EXTRA-
CURRICULAR
ACTIVITIES**

FIDE Chess Trainer (FT) fourth level expert trainer and tournament player
FMJD International Draughts Player
Special Interest to Board Games Checkers, Go, Xiangqi

CONTACT

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