

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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