Furkan Erdem

 log101   Furkan Erdem   ffrknerdm@gmail.com   +90-5375505303

Work Experience

Founding Engineer   Mar 2023 - present
Eğitim ve Gelecek A.Ş   Remote (Ankara, Turkey)

- Founding engineer for an EdTech startup.
- Led and coded a comprehensive school management software serving tens of thousands of students.
- The frontend stack included Typescript, NextJS, Redux and CI with Github Actions and deployed on AWS Amplify.
- The backend was written in Go, with microservices architecture and deployed on AWS EKS.
- Played a pivotal role in both coding and product development.

As the founding developer for EGE, an EdTech startup, I worked on building a comprehensive school management software from scratch. This platform aimed to serve Nesibe Aydın Schools' students initially, with plans to expand globally. My role required a combination of technical skill and leadership, guiding product direction, and ensuring steady application development to satisfy needs of a large user base.

Junior Software Developer   Nov 2022 - Mar 2023
EB Group - DAS A.Ş   Ankara, Turkey

- Worked on the integration of a GDPR compliance tool with an archive management software.
- Developed a data transfer application, managing the transferring of over a million critical documents.

At EB Group, My primary project was integration of a GDPR compliance tool with Windream, an archive management software. In addition, I wrote an application that efficiently transferred data from an enterprise object storage database to a regular file storage database for one of the largest airspace management firms in Turkey, optimizing for performance and reliability.

Lead Tutor   Oct 2022 - Sep 2023
HSM Teknoloji A.Ş   Ankara, Turkey

- Taught JavaScript & GO frameworks and tools in tutoring sessions.
- Managed variety of open-source backend & frontend projects.
- Guided budding programmers, offering hands-on experience and tailored resources.
- Created YARP, an initiative providing real-life projects for students.

With a deep passion for education, I took on a mentorship role to guide novice programmers. This experience wasn't just about imparting knowledge but also about curating resources and projects like YARP to provide hands-on experience to my mentees.

Intern   Sep 2022 - Nov 2022
EB Group - DAS A.Ş   Ankara, Turkey

- Designed a venue management app for a prominent venue in Ankara.
- Gathered functional requirements, designed high-fidelity prototypes using Figma, and developed a custom backend API using .NET Core.

Web Programmer   2016 - 2021
Freelance   Istanbul, Turkey

- Developed JS and PHP frontend apps for various small businesses.

Education

Ahmet Yesevi University, Remote   Jul 2022 - present
Bachelor's Degree in Computer Engineering

Marmara University, Istanbul / Turkey   Sep 2021 - Jun 2021
Bachelor's Degree in Computer Engineering

Volunteer Experience

Programming Mentor   Oct 2022 - present
Freelance Volunteer   Remote

- Mentoring high school and university students in software programming.

Achievements & Projects

TranRail Hackathon (Finalist)   Jan 2022
Team Leader, Programmer   Istanbul, Turkey

- Led a team to create a web application providing updated COVID-19 precautions by countries.

Shellhacks, Florida International University   Sep 2021
Team Leader, Programmer   Remote

- Developed a Flutter app for toxic exposure assessment in collaboration with a Çapa University Medical School Professor.

Robotic Championship, Okan University   2016 - 2017
Programmer   Istanbul, Turkey

- Designed and programmed autonomous robots for a robotic competition.

Other Experience

Discourse English Speaking Club   Nov 2021 - Dec 2022
Founder & Tutor   Istanbul, Turkey

- Founded and tutored in an English speaking class, cultivating skills in communication and teaching.

Technical Skills

Programming languages: Typescript, Javascript, Go, C, Ruby, Python, C, Haskell
Technologies: NextJS, React, NodeJS, Fiber(Go), Ruby on Rails, Django, Flutter
Tools: Git/Github, GNU/Linux, AWS, Docker, LLM's

Languages

English:
Professional working proficiency

Arabic:
Limited working proficiency

Turkish:
Native Proficieny