Furkan Erdem

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

Work Experience

Software Developer   September 2024 - present
Jekirdek   İstanbul

I'm working as a full-stack software developer at Jekirdek, developing an HR application for the biggest telecommunication company in Türkiye.

Learned Skills: Javascript, NextJS, Java, Spring Boot, Project Management

Frontend Developer   Mar 2023 - January 2024
Eğitim ve Gelecek A.Ş   Remote

I've worked as a frontend engineer at EGE, an education technology startup. I've built a comprehensive school management software from scratch. This platform aimed to serve Nesibe Aydın Schools' students initially, with plans to expand globally.

The frontend stack included **Typescript, NextJS, Redux** and a CI/CD pipeline with **Github Actions** and deployed on **AWS Amplify**. The backend was written in **Go**, with microservices architecture and deployed on **AWS EKS**. My role required a combination of technical skill and leadership, guiding product direction.

Learned Skills: Typescript, NextJS, Microservices, AWS, Project Management

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

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 over a million critical documents** from an enterprise object storage database to a regular file storage database for one of the largest airspace management firms in Turkey.

Learned Skills: .NET Core, RDMBS

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

I have a strong passion for education and extensive experience **mentoring both high school and college students**. I've organized mentorship sessions focusing on **JavaScript and Go frameworks**, as well as various tools. Additionally, I've curated valuable resources and projects, such as **YARP**, to offer hands-on experience to my mentees.

Learned Skills: Teaching, Programming Fundamentals, Javascript, Go, Content Creation

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

I've designed a **venue management app** for a prominent venue in Ankara. I've decided on the functional requirements and designed high-fidelity prototypes with Figma. I've also developed the first backend prototype for the application before starting to work full-time at the same company.

Learned Skills: .NET Core, Product Management, Figma

Education

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

Marmara University   Sep 2021 - Jun 2021
Bachelor's Degree in Computer Engineering

Achievements & Projects

Society 5.0: Arifical Intelligence and Social Sciences Research Grant   Aug 2024 - present
Researcher   Remote
- We have been awarded a research grant of **250,000₺** from Ibn Haldun University in a project competition. With this funding, we will create the first comprehensive database on Islamophobia and develop a large language model (LLM) application to support research in this area.

Astro   Jan 2024 - present
Contributor   Remote
- Astro is a **Typescript** web framework focused for content-heavy websites. I'm an open source contributor at the project. See my contributions on <u>Github</u>.

AI Concensus Hackathon   March 2023
Team Leader, Programmer   Istanbul, Turkey
- Led a team to create Let Me Write web application. It is a **Next.js** app integrated with **OpenAI API's** to provide evaluation for the students' writing. The project uses Langchain library to provide consistent feedback and Clerk for authentication.

TranRail Hackathon (Finalist)   Jan 2022
Team Leader, Programmer   Istanbul, Turkey
- Led a team to design a web application that provides updated COVID-19 precautions worldwide.

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 Prof. Ali Sarper Diler.

Robotic Championship, Okan University   2016 - 2017
Programmer   Istanbul, Turkey
- Designed and programmed autonomous robots for a robotic competition.

Volunteer Experience

Programming Mentor   Oct 2022 - present
Freelance Volunteer   Remote
- Mentoring high school and university students in software programming.

Other Experience

Discourse English Speaking Club   Nov 2021 - Dec 2022
Founder & Tutor   Istanbul, Turkey
- I've run my own English speaking club "Discourse" for more than a year.

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