

Furkan Erdem

✉ log101 🌐 log101 📄 Furkan Erdem 📧 ffrknerdm@gmail.com 📞 +90-5306785520

Work Experience

Software Developer

Jekirdek

September 2024 - present

İstanbul

I'm working as a full-stack software developer at Jekirdek, developing an HR application for one of the biggest telecommunication companies in Türkiye, **managing the organizational development processes of 8k+ organizations and 20k+ employees.**

My position also requires me to actively collaborate with the security, network, SAP teams for integrations, and HR teams to ensure that the project satisfies the business requirements. **I've written extensive security and FRD documents for every detail of the project.**

The frontend is a **NextJS** application which communicates with the backend **Spring Boot** application through an API layer. **All software components are automatically deployed to an Openshift K8s cluster.**

Learned Skills: Javascript, NextJS, Java, Spring Boot, K8s, Project Management

Frontend Developer

Eğitim ve Gelecek A.Ş

Mar 2023 - January 2024

Remote

I've worked as a frontend engineer at EGE, an education technology startup. We have 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**.

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

Software Developer

EB Group - DAS A.Ş

Nov 2022 - Mar 2023

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

HSM Teknoloji A.Ş

Oct 2022 - Sep 2023

Ankara, Turkey

I have a strong passion for education and 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

EB Group - DAS A.Ş

Sep 2022 - Nov 2022

Ankara, Turkey

I've worked on a **venue management app** for a prominent venue in Ankara. I did functional requirements analysis 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

Bachelor's Degree in Computer Engineering

Jul 2022 - present

Marmara University

Bachelor's Degree in Computer Engineering

Sep 2021 - Jun 2021

Achievements & Projects

Society 5.0: Arificial Intelligence and Social Sciences Research Grant

Researcher

Aug 2024 - present

Remote

- We've 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 fine-tune a large language model (LLM) to support research in this area.

Astro

Contributor

Jan 2024 - present

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 [Github](#).

AI Concensus Hackathon

Team Leader, Programmer

March 2023

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)

Team Leader, Programmer

Jan 2022

Istanbul, Turkey

- Led a team to design a web application that provides updated COVID-19 precautions worldwide.

Shellhacks, Florida International University

Team Leader, Programmer

Sep 2021

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

Programmer

2016 - 2017

Istanbul, Turkey

- Designed and programmed autonomous robots for a robotic competition.

Volunteer Experience

Programming Mentor

Freelance Volunteer

Oct 2022 - present

Remote

- Mentoring high school and university students in software programming.

Other Experience

Discourse English Speaking Club

Founder & Tutor

Nov 2021 - Dec 2022

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, GNU/Linux, Docker, AWS, Openshift, K8s, ArgoCD, LLM's

Languages

English:

Professional working proficiency

Arabic:

Limited working proficiency

Turkish:

Native Proficiency