

Furkan Erdem

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Work Experience

Frontend Engineer

Eğitim ve Gelecek A.Ş

Mar 2023 - January 2024

Remote (Ankara, Turkey)

- Frontend 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 a frontend 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 writing a robust application to satisfy needs of a large user base.

Junior Software Developer

EB Group - DAS A.Ş

Nov 2022 - Mar 2023

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.

Lead Tutor

HSM Teknoloji A.Ş

Oct 2022 - Sep 2023

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 teaching but also about curating resources and projects like YARP to provide hands-on experience to my mentees.

Intern

EB Group - DAS A.Ş

Sep 2022 - Nov 2022

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.

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

Astro Contributor	Jan 2024 - present Remote
<ul style="list-style-type: none">Astro is a web framework focused for content-heavy websites. I'm a contributor at the project and sending at least a PR every week.	
TranRail Hackathon (Finalist) Team Leader, Programmer	Jan 2022 Istanbul, Turkey
<ul style="list-style-type: none">Led a team to create a web application providing updated COVID-19 precautions by countries.	
Shellhacks, Florida International University Team Leader, Programmer	Sep 2021 Remote
<ul style="list-style-type: none">Developed a Flutter app for toxic exposure assessment in collaboration with a Çapa University Medical School Professor.	
Robotic Championship, Okan University Programmer	2016 - 2017 Istanbul, Turkey
<ul style="list-style-type: none">Designed and programmed autonomous robots for a robotic competition.	

Volunteer Experience

Programming Mentor Freelance Volunteer	Oct 2022 - present Remote
<ul style="list-style-type: none">Mentoring high school and university students in software programming.	

Other Experience

Discourse English Speaking Club Founder & Tutor	Nov 2021 - Dec 2022 Istanbul, Turkey
<ul style="list-style-type: none">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 Proficiency