

Erinç Tuna Polat

Software Developer

Personal details

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Github	github.com/epolat-github



Employment

Feb 2018 - Present

Freelance Software Developer

Own Company, Ankara

Since 2018, I've been taking freelance jobs to grow my own software agency and build a strong portfolio. These jobs include corporate websites, web-based applications, cross-platform mobile applications, IoT integration projects and CMS systems.

- Mobile application side of an event management system named **Actio Events**. Includes features like registering events, participating in-event surveys, sending push notifications to attendees, posting images, checking in attendees with qr code and on-device offline database.
- Fitness helper mobile application named **FitNLit**. Includes features like in-app purchases, remote video playing, push and local notifications.
- Canada based contactless receipt receiving application named **UBilly** that offers a personal qr code to be scanned by grocery stores, for them to send receipts online.
- Germany based facility management application named **Quartiers**. Offers features like smart device controlling, hiring service providers, opening tickets for facility management team, controlling smart locks, etc.

Oct 2020 - Present

Full Stack Software Developer

SV Gebäudeautomation GmbH, Darmstadt / Germany (Remote)

- Managed, developed, tested and maintained multiple SaaS (Software as a Service) applications using MongoDB, NodeJS, React/NextJS and React Native.
- Developed IP camera (Dahua and Instar cameras) based surveillance system that allows users to monitor sensitive areas real time and to go through history of footages.
- I served as the lead developer in projects that involve equipping secure access environments (buildings, containers, common work zones, etc.) with smart locks and enabling their management/usage through web/mobile-based applications.
- In a web-based "building deficiency reporting system" integration project, I served as a team lead. The project involved the use and management of IoT

devices, as well as the management and tracking of building access permissions.

- Developed and managed multiple cross platform mobile application projects using React Native and Expo.
- Maintenance of servers. Handled containerization with Docker/Compose and CI/CD pipelines with Github Actions.
- I gained diverse experiences in smart devices (sockets, lamps, thermostats, curtains, various sensors, etc.) and communication protocols, third-party API integrations, app store optimization, and IoT device integrations.

Jul 2020 - Aug 2020

**Software Engineering Intern
HAVELSAN, Ankara**

Developed a full-stack web application for TCDD (Turkish State Railways) to order, track, and change the carriage requests with SAP ABAP.

Aug 2020 - Sep 2020

**Software Engineering Intern
Türk Telekom, Ankara**

I had the opportunity to work with two separate teams:

- With a team of other interns, I participated in field and technological research aimed at improving Türk Telekom's call center and the company's technological channels (websites, mobile applications, etc.) through extensive market research.
- With another team, I had the chance to provide architectural support for Yaay, a domestic social media application.

Aug 2019 - Sep 2019

**Software Engineering Intern
BELSİS, Ankara**

I developed a full-stack GIS (Geographic Information System) web application. The aim was to create a system capable of serving maps from multiple sources, allowing users to draw vector graphics and store additional data (such as parcel information). The technology stack included PostgreSQL, jQuery, .NET, and C#, alongside OpenLayers and GeoServer.

Skills

Languages & Frameworks: JavaScript, TypeScript, React, NextJS, HTML, CSS, NodeJS, React Native, Expo

Database: MongoDB, Redis, PostgreSQL, SQLite

Tools: Docker, Traefik, Nginx, GIT, Github Actions, Postman, Material UI

Education

2017 - 2022

**BSc, Computer Engineering
TED University, Ankara**

2018 - 2022

**Secondary Field, Psychology
TED University, Ankara**

2013 - 2017

**High School
Dr. Binnaz Ege – Dr. Rıdvan Ege H.S., Ankara**

Languages

English	Fluent
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Turkish	Fluent
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