

Furkan Cakmak

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EDUCATION

Eastern Mediterranean University

Bachelor of Computer Engineering (GPA: 3.75 / 4.00)

Famagusta, TRNC

Sep. 2020 – Jul. 2025

Dokuz Eylul University

Associate of Computer Programming

Izmir, Turkiye

Sep. 2018 – Jun. 2020

EXPERIENCE

Full-Stack Engineer

Hummingdrone

Aug. 2025 – Present

Istanbul, Turkiye

- Developing and maintaining a production geospatial data visualization platform using Next.js and Mapbox, supporting large-scale spatial datasets
- Building scalable microservices backend with Python (Django, FastAPI), processing high-volume datasets and improving API response times by 50%
- Architecting and deploying containerized services with Docker across AWS infrastructure (EC2, S3, RDS, EKS)
- Implementing cloud-based authentication and API integrations with Google Cloud services
- Collaborating in a fast-paced startup environment, owning features end-to-end from design to production

Full-Stack Development Intern

Niyel Technologies Ltd.

Jan. 2025 – Jul. 2025

Lefkosa, TRNC

- Developed a customer project with Laravel (web) and Flutter (mobile)
- Built and integrated RESTful APIs using Laravel for mobile communication
- Implemented complex authorization system with policy-based permissions, middleware protection, and role-based access control for different user types.
- Followed the MVC architectural pattern for scalable and maintainable development

Undergraduate Assistant

Eastern Mediterranean University

Feb. 2023 – Jan. 2024

Famagusta, TRNC

- Worked as a student tutor in the computer engineering department
- Covered Data Structures; Pointers, structures, stacks, in C programming languages. Recursion algorithms, queues, linked list, Binary trees
- Covered Analysis of Algorithms; Growth of functions, asymptotic notations and recursive algorithms and associated recurrence relations. Brute-Force, Divide-and-Conquer, Dynamic Programming, Greedy algorithms, Graphs

PROJECTS

Rustipo: Open-Source Static Site Generator | *Rust, Tera, GitHub Actions, Markdown*

- Developed an open-source static site generator focused on Markdown-first publishing for docs, blogs, notes, and personal websites
- Built support for template-driven pages, themes, palettes, taxonomies, analytics and deployment helpers
- Set up automated workflows with GitHub Actions and published through GitHub Releases and crates.io
- Created and maintained the project documentation site with guides, examples, and reference content for users

Bizlinker: Business-Consumer Marketplace | *React Native, Expo, Typescript, Zustand, RESTful API*

- Developed a marketplace mobile application connecting businesses with consumers using React Native and Expo
- Implemented dual-user authentication system with Google OAuth and magic link authentication using JWT
- Built AI-powered service discovery with sentiment analysis, smart recommendations, and intelligent matching
- Architected modular with TypeScript, Zustand state management, and file-based routing using Expo Router
- Designed review and rating system with sentiment analysis visualization and real-time feedback mechanisms

ResumeFast: AI-Assisted ATS Resume Builder | *React, Next.js, Typescript, MongoDB, Tailwind CSS*

- Built a SaaS platform for creating ATS-friendly resumes with AI-powered content suggestions using OpenAI API
- Architected MongoDB database with Mongoose ODM for resume storage
- Implemented comprehensive authentication system with OAuth (GitHub, Google) and magic link via Resend
- Architected drag-and-drop resume builder with customizable components

Handi: Discovery Management System for Web and Mobile | *Laravel, Flutter, RESTful API, MySQL*

- Integrated RESTful API endpoints with a Laravel backend for efficient data exchange and persistence
- Implemented Alpine.js for interactive UI components, using Tailwind CSS enhancing user experience
- Implemented MVC architecture, policy-based authorization, database seeders, and comprehensive error handling
- Implemented token-based sharing functionality, allowing customers to view discovery without authentication
- Employed GetX state management for reactive UI updates and optimized performance across the application

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Rust, SQL

Frontend: Next.js, React, Vite, Tailwind CSS, Material UI

Backend: Django, Laravel, FastAPI, Express, Hono, Node.js

Cloud & Devops: AWS (EC2, S3, Amplify, RDS), Google Cloud, Docker, Microservices

Mobile: React Native, Expo, Flutter

Databases: MongoDB, MySQL, PostgreSQL

Other: RESTful APIs, OAuth, JWT, Git Version Control, Mapbox