

Furkan Cakmak

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EDUCATION

Eastern Mediterranean University

Bachelor of Computer Engineering, 3.75

Famagusta, TRNC

Sep. 2020 – Jun. 2025

Dokuz Eylul University

Associate of Computer Programming, 3.13

Izmir, Türkiye

Sep. 2018 – Jun. 2020

EXPERIENCE

Full-Stack Developer Intern

Niyel Technologies Ltd.

Jan. 2025 – Feb. 2025

Lefkosa, TRNC

- Developed a customer project with Laravel (web) and Flutter (mobile).
- Built and integrated RESTful APIs using Laravel for mobile communication.
- Followed the MVC architectural pattern for scalable and maintainable development. Deployed and managed the project on Laravel Cloud.

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

Information Technology Intern

Cagtay Kablo San. ve Tic. A.S.

Jun. 2017 – Aug. 2017

Istanbul, Türkiye

- Developed and maintained programming solutions for database systems, ensuring efficient data management
- Collaborated on hardware projects, providing support in troubleshooting and resolving technical issues
- Assisted in the installation, configuration, and maintenance of computer systems and networks.

PROJECTS

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

- Integrated RESTful API endpoints with a Laravel backend for efficient data exchange and persistence
- Utilized Alpine.js for interactive UI components, enhancing user experience without compromising performance
- Incorporated image uploading, storage, and display capabilities with proper security measures and optimization
- Implemented secure token-based sharing functionality, allowing customers to view their estimates without authentication
- Employed GetX state management for reactive UI updates and optimized performance across the application

DubiDaba: My Birth Moon | *Expo, NativeWind, React-Native-Skia*

- Developed a mobile application using Expo and React Native that calculates and displays moon phases based on birth dates
- Utilized Shopify's React-Native-Skia for high-performance graphics rendering and image capture capabilities
- Created a responsive and intuitive UI with NativeWind/TailwindCSS, ensuring consistent styling across devices

ReState | *Expo, Appwrite, NativeWind*

- Architected and implemented a scalable React Native application using TypeScript and Expo Router for file-based navigation, with custom hooks for API integration and state management
- Engineered a robust backend integration with Appwrite cloud services using custom TypeScript interfaces, implementing authentication flows, database queries, and storage operations
- Developed a responsive UI component system using NativeWind (TailwindCSS) with dynamic property listings, creating optimized reusable components for cross-platform consistency

OTHER PROJECTS

Patient Pose Detection: Patient movement detection, monitoring and warning system.

Market2017: market automation that enables users to manage products, customers, sales, and cash registers.

Ideas: Social platform where users can share their ideas, interact with others' content, and build a networking.

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