

BAŞAK ÇAVUŞDAĞ

Mid-Level Frontend Engineer

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PROFESSIONAL SUMMARY

Mid-Level Frontend Engineer with hands-on experience in developing scalable web, mobile, and desktop applications for enterprise and defense industry projects. Strong expertise in React, TypeScript, React Native, and .NET Core, with proven experience across frontend, backend, and mobile layers. Actively involved in unit testing using Jest and React Testing Library, and in CI/CD processes to ensure reliable, maintainable, and production-ready deployments. Comfortable working in Agile environments and collaborating with crossfunctional teams.

SKILLS

- Frontend:** JavaScript (ES6+), TypeScript, React, Next.js, Electron, Redux, Redux Toolkit, Material UI, Tailwind CSS, Ant Design, Bootstrap
- Mobile:** React Native, React Native Paper, Android (Java, Kotlin)
- Backend:** Node.js, Express, C# (.NET Core), Entity Framework, Java (Spring Boot, Hibernate)
- Database:** PostgreSQL, MS SQL Server, MongoDB
- Architecture & Concepts:** MVC, MVVM, Component-Based Architecture, RESTful APIs, State Management, Cross-Platform Development
- Tools & Practices:** Git, WebSocket, JWT Authentication, i18n, Agile / Scrum, Unit Testing (Jest, React Testing Library), CI/CD Pipelines, Docker

WORK EXPERIENCE

Software Engineer

Onbiron Bilişim Teknolojileri, Ankara

April 2023 – March 2026

- Led the delivery and ongoing maintenance of scalable web and mobile frontend applications for defense industry projects at ASELSAN.
- Crafted modern, reusable, and responsive user interfaces using JavaScript and TypeScript with React.
- Delivered cross-platform mobile features with React Native, ensuring functional parity and shared state management across platforms.
- Defined and sustained centralized state management architectures using Redux and Redux Toolkit.
- Structured modular, component-based frontend architectures aligned with MVC principles, improving long-term maintainability.
- Established reusable UI components aligned with internal design systems using Material UI and React Native Paper.
- Enabled multi-language (i18n) support and dynamic theme switching to improve accessibility and user experience.
- Integrated interactive mapping and geospatial visualization capabilities using Leaflet and Leaflet Draw.
- Implemented real-time client-side functionality, including live messaging and notifications, via WebSocket.

- Designed and implemented backend RESTful APIs using .NET Core and Entity Framework to support frontend and mobile applications.
- Coordinated with cross-functional teams to define API contracts and ensure seamless frontend–backend integration.
- Implemented secure authentication and authorization workflows using JWT-based mechanisms.
- Contributed to unit and component testing efforts using Jest and React Testing Library.
- Supported CI/CD pipelines by maintaining frontend build reliability, automated testing, and deployment readiness.
- Leveraged Docker to ensure consistent environments across development and deployment stages.
- Built and maintained a native Android application for real-time Bluetooth data visualization using MVVM and the Observer Pattern.
- Participated across the full lifecycle of enterprise-scale systems, contributing to both frontend delivery and backend system development.

Software Developer

Regis Patent ve Hukuk Teknolojileri, Ankara

November 2022 – April 2023

- Developed backend services using Node.js and Express for both public-facing platforms and internal applications.
- Built server-side rendered frontend applications using Next.js.
- Designed responsive and reusable UI components using Tailwind CSS, Ant Design, and Material UI.
- Integrated RESTful APIs using Axios for efficient frontend-backend communication.
- Designed and managed MongoDB and PostgreSQL databases for scalable data storage.
- Implemented web scraping solutions using Puppeteer to collect real-time data from 30+ external sources.
- Applied MVC architecture to ensure clean code structure and separation of concerns.

Intern

Buta Grup, Ankara

June 2022 – July 2022

Intern

Erpa Holding, Ankara

June 2020 – July 2020

EDUCATION

Bachelor of Computer Engineering

Çankaya Üniversitesi, Ankara

2017 – 2022

PERSONAL PROJECTS

Çankaya University Computer Engineering Graduation Project Award

Among the graduation projects of Çankaya University 2021-2022 academic year, we were awarded the 3rd place in the Department of Computer Engineering in the "15th R&D Project Market" event organized in cooperation with TÜBİTAK, Çankaya Üniversitesi TTO and Polatlı Ticaret Odası. We used Python, PostgreSQL, BERT, HTML, CSS, JavaScript, and C# (Razor) in our project. **Project GitHub Page:** <https://github.com/CankayaUniversity/ceng-407-408-2021-2022-Academic-Research-Recommender-System>

Çankaya University Computer Engineering Community

Board Member

2018 – 2020

Onbiron Project Completion Certificate

ASELSAN Project Completion Certificate

April 2023 – April 2025

Onbiron Event Participation Certificate

Agile Mindset & SCRUM Training Participation Certificate

October 2023