



Betül Oran

Computer Engineer | Front-end Developer

Contact

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About Me

Computer Engineering graduate and frontend developer who loves blending creativity with technology. I specialize in building intuitive, scalable interfaces with React and TypeScript. Alongside frontend development, I'm deeply interested in generative AI and how it can transform the way we design, build, and personalize digital experiences. My goal is to create interfaces that are not only functional but also intelligently adaptive and engaging.

Education

B.Sc. in Computer Engineering 2021-2025
Süleyman Demirel University
GPA: 2.95 / 4.0

Skills

- Tech Stack: React, TypeScript, Next.js, REST API, Node.js, Express.js, MongoDB
- UI/Styling: CSS Grid/Flexbox, Bootstrap, Tailwind CSS, Material UI, Shadcn
- Tools: Git & GitHub, Jira, ESLint, Figma
- Other: Redux, Zod, Database Design, JWT Authentication, Performance Optimization, Agile/Scrum

Languages

English (B1 - Intermediate)

Experience

Full Stack Developer Intern

Codveda Technologies

Aug 2025 - Sep 2025

- Developed User Management System with React, TypeScript and Node.js backend.
- Implemented JWT-based authentication system with role-based access control.
- Built RESTful APIs with Express.js and MongoDB for CRUD operations.
- Participated in code reviews and applied performance optimization techniques.

Frontend Developer

mfatech

Nov 2024 - Jun 2025

- Developed modern and responsive interfaces for the Pviser corporate workspace using React and TypeScript.
- Built reusable components and integrated RESTful APIs to ensure seamless data flow and performance.
- Improved UI/UX design and application usability based on user feedback in an Agile Scrum environment.

Software Engineer Intern

VBT Yazılım A.Ş

Jun 2024 - Aug 2024

- Completed a 2-month technical training program covering HTML, CSS, SCSS, JavaScript, Angular, and corporate IT workflows.
- Gained insights into software development processes, agile practices, and professional life in the IT industry.
- Developed a Flutter mobile project and enhanced practical skills in SQL and frontend technologies.

Software & Hardware Engineer Intern

Simav Belediyesi - IT Department

Jul 2023 - Aug 2023

- Provided technical support in network configuration, firewalls, and server system setups.
- Applied theoretical knowledge of OSI and TCP/IP protocols to real-world IT operations.
- Strengthened understanding of hardware systems and network security through hands-on practice.

Projects

User Management System

Developed a full-stack user and content management platform with authentication system, database integration, and modern UI design. Built with React frontend and Node.js backend for scalable architecture.

Key Technologies: React, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, JWT Authentication, REST API, Responsive Design

AI-Powered RAG Chatbot

Developed a Turkish RAG-based AI chatbot providing personalized guidance for students and career changers in IT and Computer Engineering, delivering accurate and context-aware responses from curated local knowledge datasets.

Key Technologies: LangChain, GenAI, Vector DB (FAISS), Streamlit

Personal Portfolio Website

Designed and developed a responsive portfolio website showcasing personal projects and contact information with modern UI/UX principles and performance optimization.

Key Technologies: React, Next.js, TypeScript, Tailwind CSS, Responsive Design

Feasta - Full Stack Food Ordering App

Developed a responsive food ordering platform with user authentication, restaurant listings, and order management. Implemented using NextAuth and Redux Toolkit for seamless user experience and state management.

Key Technologies: React, Next.js, NextAuth, Redux Toolkit, TypeScript, REST API, Responsive Design