ÖMER FARUK ŞİMŞEK

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SUMMARY

I am a third-year Computer Engineering student with a strong focus on full-stack development using React, Next.js, and Node.js. I prioritize writing clean, maintainable code and have gained experience across both frontend and backend through academic and personal projects. I am eager to learn new technologies, adapt quickly to challenges, and contribute effectively in collaborative team environments.

EDUCATION

Bachelor of Computer Engineering, Tarsus University   Expected 2026

Algorithm Analysis, Operating Systems, Data Management and File Structures, Signals and Systems, Differential Equations.

Focused on gaining strong foundations in software development, algorithms, and systems programming, while applying theoretical knowledge through practical projects and team-based assignments.

TECHNICAL SKILLS

Backend	Node.js, Express.js, Prisma, Supabase, PostgreSQL, REST APIs, Firebase
Frontend	Next.js, JavaScript & TypeScript, TanStack, Tailwind CSS, CDN integration, shadcn
Mobile	React Native (Basic), Expo (Basic)
Databases	PostgreSQL,Supabase, Firebase Firestore, Firebase Realtime DB, MongoDB (basic)
Tools	Kubernetes, Docker, Redis, Kafka, GitHub Actions, VS Code, Postman
Others	Agile, Git, Jira, Linux, Unit Testing, Clean Code Practices, CI/CD Pipelines
Languages	Turkish — Native, English — B2 (Upper-Intermediate)

EXPERIENCE

Full Stack Developer Intern   Jun 2025 - Present
Defsoft Bilişim AŞ   *ODTU Teknokent, Ankara, Turkey*

- Developed frontend components and backend APIs using React, Next.js, and Node.js.

- Built an admin panels using TanStack (React Query, Table) and Shadcn UI.

- Developed landing pages with detailed analytics integration and Firebase backend.

- Assisted in database management and integration with PostgreSQL and Supabase.

- Collaborated with the team in Agile sprints and code reviews to improve project quality.

Remote Full Stack Developer   Feb 2025 - Present
Yoursizer   *Remote*

- Developed a Shopify-compatible embedded full-stack application using React, Next.js, Node.js, and NeonDB, handling both frontend and backend features.

- Managed complex database schemas, optimized PostgreSQL queries, and ensured data integrity across multiple sources.

- Integrated Three.js for interactive 3D models.

- Implemented enhanced user tracking features to monitor engagement and improve UX.

- Implemented real-time functionalities and performance optimizations for an efficient and responsive user experience.

- Successfully published the app on the Shopify App Store, making it available to merchants worldwide.

- Coordinated remotely with team members following Agile practices to deliver updates and new features on schedule.

PROJECTS

Yoursizer Shopify App. Developed a full-stack Shopify embedded app with React, Next.js, Node.js, and NeonDB. Integrated Three.js for 3D visualizations, enhanced user tracking, and analytics. Successfully published on the Shopify App Store for global merchants. (View live)

Turuncu App. Created a mobile app using React Native and Expo that analyzes user reviews and prices to highlight cheapest, most expensive, and best-rated places in a city. Integrated real-time updates and PostgreSQL database management.

Blog Generator with AI. Built an AI-powered blog content generator using Gemini API, Supabase, and Next.js. Supports automated SEO-friendly posts. (View on Github)

Personal Portfolio Website. Developed a responsive personal website showcasing projects and experience using React, Next.js, and PostgreSQL. Optimized for SEO and performance. (View live)

EXTRA-CURRICULAR ACTIVITIES

- Built and maintained personal projects including Shopify apps, React/Next.js dashboards, and AI-powered tools to improve technical skills and portfolio.

- Participated in hackathons and coding competitions to challenge problem-solving and collaborative development abilities.

CERTIFICATIONS

- Next.js Starter – Vercel

- Redis for JavaScript Developers – Redis

- Redis for AI – Redis

- Docker Essentials – IBM