

Yağız Berke Güvenç

Senior Full Stack Engineer

Istanbul, Türkiye

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PROFILE

Senior Full Stack Engineer with 6+ years of experience in the React, Next.js, React Native, and Node.js ecosystems. Experienced in end-to-end architecture, multi-tenant SaaS systems, real-time data streaming, and modern DevOps workflows. Builds scalable, type-safe, and performance-driven web and mobile products.

WORK EXPERIENCE

FREELANCE

Senior Full Stack Engineer

Istanbul

Feb 2026 – Present

- Designed and developed end-to-end, scalable web and mobile architectures for enterprise clients using React, Next.js, React Native (Expo), and Node.js.
- Built a multi-tenant, RESTful API and real-time WebSocket infrastructure serving 150+ active users as of Q4 2026.
- Set up secure, self-hosted production environments and CI/CD pipelines using Docker, Dokploy, and Cloudflare Zero Trust, reducing downtime risk and manual deployment effort.

RENAULT TÜRKİYE

Senior Frontend Engineer

Istanbul / Maltepe

Apr 2025 – Oct 2025

- Developed user interfaces for authorized dealer websites using React, Redux, and Material-UI, optimizing page loading speeds and SEO scores while resolving WCAG issues to reach ~90% accessibility.
- Modernized MAIS Port modules to deliver a more stable and maintainable frontend architecture, accelerating daily workflows for 3,000+ employees.
- Collaborated closely with design and product teams, while mentoring two junior developers to spread scalable React architectures, Redux patterns, and coding standards across the team.

RENAULT TÜRKİYE

Middle Frontend Developer

Istanbul / Maltepe

Jan 2023 – Mar 2025

- Integrated real-time data streaming using Socket.IO to stabilize live notification and dashboard feeds; significantly reduced runtime type errors through TypeScript adoption.
- Built the frontend for the "Total Campaign Participation Management System" from scratch using React.js and Material-UI, minimizing data entry errors in campaign registrations through advanced form validation.
- Streamlined forms and operational steps across IKAM, Renew Türkiye, Online Service Appointment, and Roadside Assistance (Yardımcı) projects, making user processes roughly 2x faster.

BIÇÖZÜM

Junior Full Stack Developer

Istanbul / Ümraniye

Mar 2021 – Dec 2022

- Contributed to Laravel and PHP-based B2B and e-commerce platforms by improving payment flows, product management, and user journeys, achieving a ~20% increase in checkout conversions.

ANATOLIA SYSTEM

Junior Full Stack Developer

Istanbul / Şişli

Aug 2020 – Feb 2021

- Optimized frontend and backend integrations within a PHP and Laravel architecture, improving application performance and data flow.

EDUCATION

NIŞANTAŞI UNIVERSITY

Bachelor's Degree, Computer Engineering

Istanbul

Sep 2018 – Jun 2021

- Completed core computer science coursework, including Data Structures and Algorithms, Object-Oriented Programming, and Probability & Statistics.
- Strengthened web-focused application development skills through Web Programming / Web Technologies and Software Engineering courses.
- Studied Cybersecurity and Network Security Fundamentals, gaining practical knowledge in secure software development principles.

NIŞANTAŞI UNIVERSITY

Associate Degree, Mobile Technologies

Istanbul

Sep 2015 – Jun 2017

- Built solid fundamentals in Android and cross-platform mobile development through Mobile Programming and Hybrid Mobile App Development courses.
- Studied User Interface (UI) and User Experience (UX) Design, learning mobile-oriented interface and user experience design principles.
- Strengthened problem-solving skills and a secure coding mindset through Algorithms, Data Structures, and Introduction to Cybersecurity.

SKILLS

Languages & Core Technologies: TypeScript, JavaScript (ES6+), PHP, SQL, HTML5, CSS3, SCSS

Frontend & Mobile: React (18/19), Next.js (App Router, Turbopack), React Native, Expo, Redux Toolkit, Zustand, TanStack (Query, Table), Tailwind CSS (v4), Material-UI

Backend & Databases: Node.js, Express.js, PostgreSQL, Prisma ORM, RESTful APIs, Socket.IO, Zod, JWT

DevOps & Cloud Infrastructure: Docker Compose, Dokploy (Self-hosted PaaS), Cloudflare (Zero Trust, Turnstile, R2), Git, CI/CD

Architecture & Best Practices: Microservices Architecture, WCAG Accessibility Standards, SEO / GEO Optimization, Internationalization (i18n), Code Review, Technical Mentorship