

Samet Şahin

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PROFESSIONAL SUMMARY

Full-Stack Engineer specializing in high-concurrency systems. Scaled **NestJS/Node.js** architectures for **300k+** users and **1.1M+ automated distributions**. Experienced in building **React web applications** and bridging payment ecosystems with localized transfer systems while maintaining zero-trust **Passkey/OAuth** security.

WORK EXPERIENCE

Software Developer - [Fuse Network](#), Remote - Jan 2023 - Present

- **Architected a high-volume rewards engine** for **300k+ participants** and **1.1M+ distributions** using **Scheduled Cloud Functions** and **Firestore**.
- **Engineered a NestJS and Docker-based microservices architecture** with modular service isolation, **MongoDB** for data persistence, and secure authentication via **JWT and Passkeys**.
- **Led the backend development for a global Visa debit card**, architecting the digital-to-fiat bridge and integrating diverse localized payment systems across multiple regions.
- **Core Full-Stack Developer for solid.xyz**, driving multi-platform delivery across iOS, Android, and Web from a single **React Native Web/Expo** codebase, and implementing secure authentication using **Passkeys (WebAuthn)** integrated with Turnkey.
- **Maintained production reliability** by implementing comprehensive **unit and integration testing** while leveraging **AI-driven workflows** to accelerate delivery.

Full-Stack Developer - [Flambu](#), Remote - Dec 2020 - Dec 2022

- Architected and deployed scalable **Serverless Cloud Functions (Node.js/TypeScript)** as the core backend infrastructure, and engineered a search engine using **Algolia with radius-based geospatial filtering** not natively supported by Firestore.

Full-Stack Developer - Bonarego, İstanbul - June 2019 - July 2021

- **Architected the Strapi (Headless CMS) backend** and API infrastructure while developing a **React-based admin dashboard** for tour guides to manage and publish their tours.

PROFESSIONAL SKILLS

- **Frontend:** React, React Native Web, Expo, TypeScript, JavaScript
- **Backend & Systems:** Node.js, NestJS, REST APIs, GraphQL, Docker, Microservices, MongoDB, PostgreSQL, GCP, AWS
- **Security & Identity:** JWT, OAuth, Passkeys (WebAuthn), Biometric Security, and Encryption
- **AI & Workflow:** AI-Driven Development (Claude Code, Gemini, Cursor), CI/CD

EDUCATION

Bachelor of Engineering - Computer Engineering - Kocaeli University, Kocaeli

LANGUAGE COMPETENCIES

- Turkish - Native or bilingual Proficiency
- English - Full professional Proficiency