

Ismail Emre Sirmali

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 5 years of experience building high-traffic production web platforms and B2B SaaS solutions using Go, TypeScript, Node.js, and React. Proven expertise in architecting event-driven microservices, implementing secure OAuth2 authentication systems, and building responsive, user-friendly frontend interfaces. Experienced in deploying cloud-native containerized applications to AWS/Azure with robust CI/CD automation.

TECHNICAL SKILLS

Languages: Go, JavaScript, TypeScript, PHP, Dart, SQL, HTML5, CSS3

Frameworks: Node.js, Express.js, Fastify, Fiber, Echo, Laravel, React.js, Next.js, Vue.js, Nuxt.js, Flutter

Databases & Messaging: PostgreSQL, MongoDB, MySQL, Couchbase, Redis, Apache Kafka, Debezium

Cloud & DevOps: AWS (EC2, S3, Lambda), Azure, Cloudflare Workers, Kubernetes, Docker, Helm, CI/CD (GitHub Actions, GitLab CI/CD)

Testing & Architecture: TDD, Consumer-Driven Contract (CDC) Testing, Jest, Go Testing, Microservices, Clean Architecture, DDD

Security & Auth: OAuth2, OIDC, Session Management, JWT, SSL/TLS, Authentication Flows

WORK EXPERIENCE

Founding Engineer

FirstView

03/2026 - 04/2026

Istanbul, Turkey

- Engineered and shipped the core integration between applicant tracking systems (ATS) and the FirstView platform using Go and TypeScript.
- Streamlined candidate onboarding and background processing, improving system reliability and API data synchronization.

Founding Engineer

Vorinfo (EdTech Startup)

03/2024 - 09/2025

Istanbul, Turkey

- Co-founded and built an AI-powered assessment platform from zero to production as the sole engineer in 4 months.
- Architected full-stack workflows using React, TypeScript, Node.js, and LangChain, reducing quiz creation time by 70%.
- Configured containerized deployments on AWS and managed end-to-end architecture, release pipelines, and operations.

Freelance Software Developer

Remote

08/2023 - 06/2024

Multiple Clients

- Delivered end-to-end web solutions for clients including WhiteStar Construction and Hayying, covering requirements, architecture, implementation, and deployment.

Technical Consultant & Full-Stack Developer

Beyond

04/2023 - 04/2024

Istanbul, Turkey

- Architected and developed a headless CMS from scratch serving 3+ production client applications (100sclub, Boomerang Careers, ForumGIG) as a B2B SaaS solution.
- Implemented serverless backend APIs on Cloudflare Workers with TypeScript and Node.js, integrated PostgreSQL/MongoDB, and automated delivery via GitHub Actions.

Full-Stack Software Developer

Modanisa

12/2021 - 03/2023

Istanbul, Turkey

- Contributed to MyModanisa global release by delivering user account features using Go and Vue.js/Nuxt.js, enabling international expansion.
- Rebuilt the core user authentication system with enhanced security features, OAuth2 integration, and session management using Go microservices.
- Implemented Consumer-Driven Contract Testing across microservices and built highly scalable architecture on AWS handling 10K+ concurrent users with 99.9% uptime.
- Engineered CDC pipelines using Apache Kafka and Debezium, processing 50K+ events/minute for real-time inventory synchronization.

Full-Stack Software Developer

Zaxe

07/2021 - 11/2021

Istanbul, Turkey

- Led the replatforming of zaxe.com, delivering frontend components (React.js, TailwindCSS) and backend services (Express, Clean Architecture).

LANGUAGES

Turkish: Native | **English:** Fluent