

OSMAN RAIF GÜNEŞ

Senior Full Stack Developer / Tech Lead

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Professional Summary

Senior Full Stack Developer and Tech Lead with 12+ years of experience building scalable, cloud-native, and high-traffic enterprise systems. Strong expertise in .NET, Node.js, modern frontend frameworks, event-driven architectures, and AI-powered backend integrations.

System Design & Architecture Highlights

- Designed high-scale systems processing data for millions of users
- Built event-driven architectures using Kafka and RabbitMQ
- Implemented Redis-based caching and async processing for performance optimization
- Designed fault-tolerant systems with idempotency, rate limiting, and circuit breakers

AI & Intelligent Systems

- Integrated LLM APIs (OpenAI / Azure OpenAI) into backend systems
- Implemented embedding-based semantic search for large-scale datasets
- Designed AI-assisted features for analytics, search, and decision support

Professional Experience

Full Stack Developer

2024 – Present

Poilabs

- Led full-stack development of location-based navigation and campaign platforms
- Developed cloud-native REST APIs deployed on Azure
- Built analytics dashboards and improved admin performance by 40%

Lead Developer

2016 – 2024

RobotQA

- Architected codeless test automation platform reducing testing time by 70%
- Designed event-based processing pipelines with RabbitMQ and Redis
- Led backend services using Node.js and microservice architecture

Senior Software Developer

2013 – 2016

BELBİM (İBB)

- Developed enterprise-scale payment and transaction systems
- Worked on high-availability backend services used by millions of citizens
- Contributed to secure financial workflows and data consistency mechanisms

Full Stack Web Developer

2012 – 2013

OnUs Services

- Developed web-based business applications using ASP.NET and JavaScript
- Worked on database-driven systems and internal admin tools

Technical Skills

- **Backend:** C#, .NET Core, ASP.NET MVC, Node.js, Express.js, Entity Framework, REST APIs, Swagger, Microservices
- **Database:** T-SQL, PostgreSQL, NoSQL
- **Event & Messaging:** Kafka, RabbitMQ, Redis
- **AI:** LLM API Integration, Embeddings, Semantic Search
- **Frontend:** Vue.js, React, Next.js, Angular
- **Hybrid Mobile:** Ionic, React Native
- **Cloud:** AWS, Azure, Firebase, Cloud Functions
- **Security:** OAuth2, OpenID Connect, JWT (pitfalls & best practices)
- **DevOps:** Docker, Kubernetes, CI/CD
- **Cost Optimization:** Cloud cost monitoring, scaling & FinOps strategies

Education

- BSc – Computer & Educational Technology, Boğaziçi University
- MSc – Computer Engineering (MSc), Cyber Security, Yıldız Technical University (In Progress)

Languages

- English – Professional Working Proficiency (C1)
- Turkish – Native