

Demir Daniş

Software Engineering Manager & Full-Stack Engineer

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SUMMARY

As a Full-Stack Engineer and Engineering Manager with over 15 years of hands-on experience, I specialize in building large-scale, production-grade systems across web and mobile platforms. I have strong expertise in microservice architectures, micro frontends, and Progressive Web Apps (PWA). Currently, I lead a 7-person full-stack team at Brew Interactive, delivering products at a global scale.

I actively leverage AI-driven software development practices by integrating AI into the entire development lifecycle — including analysis, documentation, ERD and flow design, task creation, development, and code review. This approach enables faster, more consistent, and higher-quality outcomes, while significantly improving team productivity and accelerating the delivery of scalable, maintainable systems.

I am deeply focused on scalable system design, code quality, and delivering high-impact products at speed, combining modern engineering practices with a strong leadership mindset to build effective, results-oriented teams.

CORE COMPETENCIES

Leadership: Engineering Manager, Team Lead, Agile/Scrum, Code Review Culture, Mentoring

Frontend: React, Next.js, Vue.js, Angular, PWA, Micro Frontend

Backend: .NET Core, Node.js, NestJS, Go, Rust

Mobile: React Native, Kotlin (Android), Swift (iOS)

Databases: MongoDB, PostgreSQL, MsSQL, MySQL, SQLite, Redis

Search: Elasticsearch — index design, advanced queries, low-latency

DevOps & Cloud: Docker, Kubernetes, CI/CD, AWS, Nginx, Cloudflare, Caddy

Messaging & Streaming: Apache Kafka, RabbitMQ, WebRTC, FFmpeg, RTMP, Centrifugo

API & Gateway & CMS: Hasura, REST, GraphQL, Strapi, Directus

AI & LLM: LLM Integration (OpenAI, Claude, Groq), RAG (Retrieval-Augmented Generation), Prompt Engineering

AI-Driven Development: AI-Assisted Code Review, AI-Powered Test Generation, AI-Driven Documentation, Claude Code, GitHub Copilot

PROFESSIONAL EXPERIENCE

Full Stack Engineer & Team Lead | Brew Interactive — Remote | 2021 – Present

- Leading a 10-person full-stack team on global-scale products
- Designed microservice architectures with .NET Core & NestJS; integrated Hasura as API gateway for rapid, reliable backend delivery
- Built high-performance Elasticsearch infrastructure with optimized index design & advanced query strategies — low-latency search across complex datasets
- Deployed horizontally scalable, highly available systems on Kubernetes
- Delivered full-stack features across React, Next.js, Vue.js, Angular
- Contributed to production mobile apps with React Native, Swift, and Kotlin
- Notable projects: villasepeti.com (android, ios, web, back-office), Bilyoner (android, ios), Nesy – Aras Kargo (.NET microservices), enuygunfinans.com (scalable web & strapi), KoçSistem / KoçDigital / dod.com.tr / sensat.com (enterprise solutions), TomorrowID (AI-powered face recognition), Shubuo (LED integrations)

Senior Full-Stack Software Engineer | Veriyaz Yazılım — Remote | June 2016 – April 2021

- PTT Trade B2B platform like alibaba.com
- seslidunya.com real-time communication platform (web + mobile)

Full-Stack Software Engineer | Alangoya Bilgi Teknolojileri | 2015 – 2016

- Dynamic reporting & analytics system for Turkish Sugar Factories

Full-Stack Developer (R&D) | Akıllı Sistemler Bilişim | 2013 – 2015

- TÜBİTAK-funded projects: audio/video processing, search engine

Web Developer | İdeal Web Tasarım — İzmir | 2011 – 2013

- 50+ corporate websites and applications

EDUCATION

B.Sc. Computer Engineering | Ege University, İzmir | 2011

CERTIFICATIONS & TRAINING

Leadership Development Program

Management & Team Leadership Training