

Mehmet Selim Turan

Senior Software Developer & Squad Technical Lead

Fullstack Developer — Node.js / NestJS · .NET · Next.js / React · AI-Assisted Engineering

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PROFESSIONAL SUMMARY

I am a self-taught software developer with a genuine passion for the JavaScript ecosystem. Across seven years of hands-on experience I have built and shipped products end to end, working with **React and Next.js** on the front end and **Node.js / NestJS and .NET** on the back end. In agile teams I contribute across software architecture, design and development, and I own every step of the delivery chain: architectural decisions, implementation, automated testing, CI/CD and production release. At Logo Yazılım I serve as Squad Technical Lead for a six-person cross-functional team, combining daily engineering work with team leadership, workflow management and technical decision-making. I follow developments in the software ecosystem closely and put them into practice; my current focus is **AI-assisted development and prompt engineering**, orchestrating Claude-based coding agents across the entire software lifecycle.

CORE TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, C#, PHP, SQL, Shell/Bash, HTML5, CSS3

Frontend: React, Next.js (App & Pages Router, SSR/SSG/ISR), micro-frontend architecture, Redux Toolkit, Zustand, TanStack Query, React Native, Angular / AngularJS, LitElement, Tailwind CSS, SASS/SCSS, Styled Components, Ant Design, Material UI, shadcn/ui, Vite, Webpack, Turbopack

Backend: Node.js, NestJS, Express.js, .NET / ASP.NET (Web API, MVC, Razor), Laravel, REST, GraphQL, gRPC, WebSocket, JWT, OAuth 2.0, web scraping and data extraction

Architecture: Microservices, event-driven and message-based design, Domain-Driven Design, SOLID, Clean Code, API Gateway and reverse proxy, Saga pattern, Circuit Breaker, rate limiting, caching strategies, scalable system design

Data & Messaging: MSSQL, PostgreSQL, MySQL, MongoDB, Redis, Memcached, Firebase Firestore, RabbitMQ, Kafka

DevOps & CI/CD: Docker and Docker Compose, Kubernetes, GitHub Actions, Jenkins, GitLab CI, Git, Nginx, Traefik, Vercel, automated build-test-release pipelines

Observability: Prometheus, Grafana, OpenTelemetry, Elasticsearch / ELK Stack, Sentry, LogRocket, distributed tracing, metrics and log analysis

Infrastructure & Networking: Linux server administration (Ubuntu, CentOS), SSH, DNS, SSL/TLS, load balancing, CDN, cPanel/WHM, log analysis, CCNA-level networking

Testing & Quality: Jest, unit and integration testing, Postman collections and API testing, automated test gates, SonarQube static analysis and code security, code-review standards, pull-request governance, secure coding, performance profiling (Lighthouse, Core Web Vitals)

AI Engineering: Agent orchestration with Claude and Claude Code, multi-agent development workflows, MCP tooling, agent-driven code generation, review, testing and deployment, prompt and context engineering, LLM API integration (Anthropic, OpenAI), GitHub Copilot, Cursor

Leadership & Agile: Technical team leadership, mentoring, architecture ownership, roadmap planning, Scrum and Kanban, sprint planning and story-point estimation, workflow management, stakeholder communication, Jira, Confluence

PROFESSIONAL EXPERIENCE

Senior Software Developer & Squad Technical Lead — Logo Yazılım

Mar 2024 – Present

Istanbul, Türkiye · Full-time (Hybrid) · Enterprise B2B Software

- Lead the KWS squad as Technical Lead, managing a six-person cross-functional team (two backend, one frontend, two QA, one business analyst) with end-to-end ownership of technical architecture, development, CI/CD, release management and team development.
- Develop across every layer of the product: **.NET** services and APIs, **Node.js / NestJS** backends and **React / Next.js** applications — from data model and API contract through to production release.
- Built the **shared sales platform** used across multiple products with **NestJS**: product catalogue, order and payment flows, campaign and pricing rules, dealer and customer roles, and **e-commerce** integrations.
- Designed the **micro-frontend platform** and the service-oriented backend architecture, defining module boundaries, shared component contracts, authentication flows and inter-service communication.
- Established and now lead the squad's **AI-assisted engineering practice**, orchestrating Claude-based agents across implementation, refactoring, code review, test authoring, documentation and release. This reduced feature delivery cycle time by approximately **30%** while measurably improving review coverage and code consistency.
- Own the **CI/CD and deployment pipeline**: containerised builds, automated test gates, environment and configuration management, staged rollouts, monitoring and incident response.
- Define the squad's engineering standards — branching strategy, pull-request workflow, code-review criteria, technical-debt roadmap, performance and SEO optimisation — and run agile delivery, including estimation, sprint planning, stakeholder alignment and mentoring.

Key products: Peoplise (micro-frontend HR management platform) · isbasi.com · logo.com.tr · elogo.com.tr · lgo.link (deeplink service)

Software Developer — Odeon Software & Technology

Sep 2023 – Mar 2024

Istanbul, Türkiye · Full-time (Remote) · B2C E-commerce and Travel · React, Next.js

- Developed end to end the **B2C e-commerce and booking platform** that sells flight, hotel and train tickets on a single storefront, with **React and Next.js**: search, availability, filtering, cart and **payment flows**; REST integrations, JSON mapping, HTTP error handling and session management. Produced responsive, cross-browser and accessible interfaces, working within an agile team's pull-request and code-review workflow.
- Built the product's **multi-module content management system** from scratch: content modelling screens, **role-based access control**, media management and **multi-language (i18n/l10n)** editing, on a component-driven architecture of reusable form, table and filter components.

Key products: Coral Travel (B2C travel e-commerce platform) · Back-office CMS

Senior Frontend Developer — Demirören Media

Jun 2022 – Aug 2023

Istanbul, Türkiye · Full-time (Remote) · High-traffic Media Platforms

- Developed shared components and new features for national news and broadcast platforms serving millions of monthly visitors.
- Led front-end performance work — caching, lazy loading, bundle-size reduction and **Core Web Vitals** improvements — together with semantic, accessible and SEO-compliant markup.
- Standardised build configuration and the shared component library across projects, reducing duplicated code and shortening feature delivery time.

Key products: Kanal D · CNN Türk · Radyo D · Dream Türk

Frontend Developer (React) — Bilge Adam

Mar 2021 – Jun 2022

Istanbul, Türkiye · Full-time (Remote) · Outsourced to Trive · Fintech and Capital Markets

- Built financial and trading platforms from scratch with React within an Agile/Scrum team, and refactored legacy codebases into a maintainable structure.
- Implemented real-time market data screens, secure authentication and session flows, and regulation-compliant multi-language interfaces.

Key products: Trive · Işık Menkul Değerler

Frontend Developer — Szutech

Oct 2020 – Mar 2021

Istanbul, Türkiye · Full-time (Hybrid) · Online Education

- Developed the egitim101.com online education platform end to end on an **ASP.NET MVC** architecture with JavaScript, jQuery and Bootstrap, covering course delivery, enrolment and payment flows.

Student Assistant (Part-time) — Atatürk University, Computer Center

Sep 2014 – Jun 2020

Erzurum, Türkiye · Part-time · Provided systems, network and end-user technical support alongside my bachelor's degree.

EDUCATION

M.Sc. in Computer Engineering — Ahmet Yesevi University | 2026 – Present

Ongoing · Focused on software architecture and distributed systems

B.Sc. in Management Information Systems — Atatürk University | 2014 – 2020

Erzurum, Türkiye

CERTIFICATIONS, TRAINING & ACHIEVEMENTS

- Squad Technical Lead (STL) Programme — Logo Yazılım** (2026) · Technical leadership, team management and delivery ownership.
- NestJS Backend Development Training** (2026) · Two-week intensive programme, Istanbul.
- SecureFlag — Secure Coding Learning Paths & Certifications** (2024) · Application and front-end security, vulnerability prevention.
- Water Ambassador — Ministry of Agriculture and Forestry of Türkiye** (2017) · Won the national Water Ambassadors competition and represented Türkiye as a Water Ambassador at the European Parliament in Belgium; completed the accompanying technical training in Paris.
- Erasmus+ European Voluntary Service (EVS)** (2017) · Education and recreation programme in Porto, Portugal.
- Google Young Agencies Academy** · Won the competition organised by Google and attended the accompanying training seminar.
- CCNA — Cisco Certified Network Associate** (2015) · Routing, switching and network infrastructure.

LANGUAGES

Turkish — Native | **English** — Professional working proficiency (technical documentation, code review, cross-team communication)