YASİN YENİL

Fullstack Software Developer | .NET · React/Next.js · AI & LLM Integration

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Valid German work permit – no sponsorship needed

ABOUT ME

Fullstack Developer with 9+ years of experience who delivered 3 high-performance, multi-tenant applications processing over 2M transactions per month for finance and telecom clients. Skilled in .NET, React, Next.js and TypeScript; led a team that launched a multi-tenant SaaS platform serving 10,000+ users, increasing revenue by 15%.

Increasingly focused on **applied AI**: integrating LLMs into real products, from OpenAI-powered SaaS features to **locally hosted LLMs** running on-premise for data privacy, and building **agentic AI workflows** where models guide users through business processes and call existing APIs. Uses AI-assisted development (Claude Code, Codex, custom agents and skills) daily. Experienced with CI/CD, cloud deployments, microservices and application security, and known for clear communication with clients and international teams.

TECHNICAL SKILLS

Programming Languages: C#, Java, F#, TypeScript, JavaScript, SQL

AI & LLM: OpenAI API, local LLM hosting and integration, Ollama, LangGraph, MCP, Harness, agentic AI, LLM tool/function calling, prompt engineering, AI-assisted development (Claude Code, Codex, agents & skills)

Backend & Frameworks: .NET, .NET Core, .NET Framework, .NET MAUI, Java (REST backend services), Node.js, Express.js, GraphQL, LINQ, Entity Framework, Dapper, MediatR, CQRS, Spring, Spring Boot

Frontend: React, Next.js, Vue.js, Angular, Blazor, HTML5, CSS3, Tailwind CSS, Bootstrap 5, Chrome Extensions, Figma

Databases: MSSQL, PostgreSQL, MySQL, Oracle, MongoDB, Redis, DynamoDB, Neo4j, Firebase, Supabase, Couchbase

Cloud & DevOps: AWS, Azure (incl. Functions), GCP, Docker, Jenkins, CI/CD, Git, ELK, RabbitMQ, Kafka, IIS

Security & Compliance: Google CASA assessment, OAuth / Google API security, WAF, rate limiting, attack prevention and mitigation, GDPR compliance

Testing & Practices: Jest, Playwright, unit & integration testing, OOP, DDD, design patterns, microservices, RESTful APIs, data mining & entity matching, Agile/Scrum, Jira

PROFESSIONAL EXPERIENCE

Senior Fullstack Software Developer (Enterprise Web & AI Integration) 06/2026 – Present

Adelcon | Stuttgart / Ulm, Germany

Tech: C#, .NET, .NET MAUI, Blazor, Next.js, React, TypeScript, REST APIs, local LLMs, IIS (on-premise), reverse proxy, Android handheld terminals, Windows (GPU) servers

- Set up, configured and integrated **locally hosted LLMs** on on-premise GPU servers, so AI features run without sending company or customer data to external services.
- Designed and built an **AI-guided mode** for a cross-platform .NET MAUI / Blazor application (Android handheld terminals, web and Windows): the assistant walks users through business workflows, requests missing inputs, corrects errors and triggers backend APIs via **tool/function calling**.
- Connected the LLM layer to **JSON-defined workflows** and the existing API layer, keeping business logic in the backend; built conversational flows with **German as the primary language**.
- Developed the company's **enterprise web platform** with **Next.js, React and TypeScript**, built on internal **REST APIs**.
- Deployed and operated the platform **on-premise on IIS behind a reverse proxy**, handling routing, SSL and secure access from the internal network.
- Implemented a **mail system over REST APIs** and connected the platform to internal company systems via custom integrations.
- Contributed to several product lines, including a cross-platform business application, a visual design tool and a labelling solution.

Fullstack Software Developer 01/2025 – 06/2026

Jaxsuite AI | Florida, USA (Remote)

Tech: TypeScript, Next.js, React, Web API, OpenAI API, Chrome Extensions, GCP, AWS, Supabase, Firebase, MongoDB, ELK, Stripe, Square, PayPal, Jest, Playwright

- Architected and implemented core features across the stack, from a scalable high-volume backend to a customer-praised frontend.
- Led a cross-functional team of 5 engineers, delivering 3 major releases on schedule and improving delivery speed by 25%.
- **Implemented all security measures required by Google for Gmail / Google API access** and **passed the Google CASA security assessment** for handling user data.
- **Hardened the web platform against targeted attacks** with **rate limiting and a WAF**, including mechanisms to detect, block and manage attacks; implemented **data-protection compliance (GDPR)** across the website.
- Introduced automated unit and integration testing pipelines with Jest and Playwright, raising test coverage to 85%.
- Built and maintained integrations with third-party services (Stripe, Square, PayPal, Supabase, Firebase) and AI-powered features using the OpenAI API.
- Established CI/CD pipelines and deployment strategies, owned end-to-end debugging and performance optimisation, and strengthened client relationships through technical presentations.

Fullstack Software Developer 11/2023 – 10/2024
QKARE IT | Istanbul, Türkiye

Tech: .NET, MSSQL, JavaScript (jQuery), Intervision Core Banking, ELK, HTML, CSS

- Developed a credit risk assessment system for commercial and personal lending that reduced loan processing time by 40% and decreased the default rate by 5%.
- Optimised API performance and MSSQL queries/stored procedures; resolved critical support tickets quickly, keeping operations uninterrupted.

Fullstack Software Developer 04/2022 – 11/2023
Teleperformance | Istanbul, Türkiye

Tech: .NET 6–7, MSSQL, Vue 3, RabbitMQ, Redis, Docker, ELK, HTML, CSS

- Designed and developed an **AI-powered real-time translation system** for call center agents, enabling communication across multiple languages and improving customer service efficiency.
- Migrated a monolithic application to microservices (DDD), improving scalability and reducing downtime.
- Built a job scheduling system that reduced manual work by 80%; integrated external APIs and collaborated with international teams.

Fullstack Software Developer 12/2020 – 04/2022
Adesso Turkey | Istanbul, Türkiye

Tech: C#, .NET Core, MSSQL, MongoDB, Dapper, MediatR, CQRS, Microservices, Azure, AWS, RabbitMQ, Docker, Jenkins, TFS, Vue.js, Node.js

- Developed an ERP finance module with microservice architecture, integrating with E-Invoice, GIB (Turkish tax authority) and Logo/SAP.
- Led a technology upgrade replacing Silverlight with .NET Core and Vue.js, migrating WCF services to REST APIs, and modernised legacy loyalty systems with AWS cloud deployment.

Fullstack Software Developer 02/2020 – 12/2020
Digiturk | Istanbul, Türkiye

Tech: .NET, .NET Core, RabbitMQ, AWS, ELK, Docker, Oracle, MySQL, Neo4j, React

- Developed and maintained RESTful and SOAP back-end services; tuned Oracle/MySQL queries and API code for performance.
- Created and enhanced internal applications and automation tools.

Fullstack Software Developer 07/2018 – 12/2019
Biggloyalty | Istanbul, Türkiye

Tech: .NET, .NET Core, T-SQL, JavaScript, HTML, CSS, NopCommerce

- Developed and maintained a rewards and social recognition platform (points, gamification, e-commerce, logistics).
- Migrated legacy Web Forms applications to .NET Core 3.1; built dealer campaign and integration systems (Türk Telekom, Turkcell) and Amazon product/stock/logistics integrations.

PROJECTS & AI ENGINEERING

- **Data Mining & Lead Platform** *(personal project, 2026 – present)*: **Java** backend with an **Angular/React** frontend for **big data** collection, analysis and matching, using **local AI models with custom harness** to categorise and enrich data for marketing use cases.
- **Chrome Extensions** *(freelance, US client, 2024)*: AI-powered browser extensions integrated with backend APIs and LLM services.
- **MedicareAI** *(freelance, US client, 2024)*: LLM-based assistant application for the US Medicare domain.
- **E-commerce Listing Automation** *(freelance, US client, 2025)*: AI-assisted generation and optimisation of marketplace product listings.
- **AI-Supported SEO Optimisation Tools** *(internal marketing tool, 2024)*: Content analysis and LLM-generated SEO improvements.
- **Marketing Tools** *(internal projects, 2025 – 2026)*: AI-supported generation and management of marketing content.
- **Local LLM Deployment** *(professional, 2026)*: Self-hosted LLMs on on-premise GPU servers for privacy-sensitive business apps.
- **Agentic AI** *(personal project, 2026)*: Multi-step agents that follow workflows, call tools/APIs and recover from errors.
- **US Financial & Tax Automation** *(freelance, US client, 2024 – 2025)*: Automated financial and tax filing system for the US market, supporting operations that reached 1 million dollars in annual revenue within 12 months.
- **AI-Assisted Development** *(personal dev environment, local & cloud AI)*: Daily use of Claude Code and Codex with custom agents and reusable skills.

EDUCATION & LANGUAGES

Bachelor's Degree, Mathematics and Computer Science – *Istanbul Arel University, Türkiye (recognised by ZAB)* **2012 – 2017**
Languages: English – professional proficiency | Turkish – native | German – A2 (currently attending a German course)