

# Umit Vice

## Senior Full Stack / AI Engineer

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## SUMMARY

Product-driven Senior Full Stack / AI Engineer with 8+ years of experience specializing in zero-to-one product development, modern AI/LLM agent workflows, and high-performance architectures. Proven track record of taking 100% technical ownership of complex software ecosystems, designing goal-driven workflows with persistent context, and shipping production-ready platforms within weeks alongside founders. Thrives in high-autonomy, fast-paced environments with ambiguous constraints, balancing real-time streaming execution with an obsessive focus on application latency, failure recovery, and secure infrastructures.

## TECHNICAL SKILLS

- **Languages & Frameworks:** Next.js, Python, Node.js, TypeScript, React, PyTorch, JavaScript (ES6+), GraphQL, REST, TailwindCSS
- **AI Engineering:** OpenAI, Anthropic, AI Agents, LLM Agent Workflows, RAG, Context Management, Automated Data Pipelines
- **Databases & Infrastructure:** SQL (Postgres), noSQL (MongoDB), Kubernetes, Docker, AWS, GCP, Jenkins, Terraform
- **Architecture & Tools:** WebSockets, Core Web Vitals, PWAs, Mobile WebView, Fallback & Recovery Patterns, Agile (Jira)

## PROFESSIONAL EXPERIENCE

**Bolt Insight** | Full Stack Engineer (Remote | London, UK) | *January 2026 to Present*

- Architect and execute production-ready Next.js/Python workflows and state-of-the-art OpenAI/Anthropic LLM agent integrations with persistent context and RAG pipelines for the [boltinsight.com](https://boltinsight.com) platform.
- Design multi-step reasoning agent workflows and real-time AI interactions with streaming under tight latency constraints using Node.js, Docker, and AWS.
- Build robust fallback, failure recovery, and evaluation mechanisms in Agile sprints, increasing Core Web Vitals scores by 25%.

**Marti Technologies (NYSE: MRT)** | Senior Software Developer (Contract | Istanbul, Turkey) | *July 2025 to December 2025*

- Assumed 100% technical ownership as Frontend Lead for high-traffic ecosystems, including the [martitech](https://martitech.com) corporate site, **Marti Tag** mobile applications ([iOS App Store](https://ios.appstore.com)), WebViews, and real-time WebSocket CRM maps.
- Optimized Python/Node.js backend architectures via Kubernetes and AWS for complex features (courier tracking, super member packages, and admin panels), establishing engineering best practices and ensuring high availability during peak traffic windows.

**Vodafone** | Senior Software Developer (Istanbul, Turkey) | *April 2024 to May 2025*

- Engineered scalable enterprise frontend architectures, the B2B **Vodafone Red Console** platform ([vodafone.com.tr/vodafone-business/red-konsol](https://vodafone.com.tr/vodafone-business/red-konsol)), and **Vodafone Yanimda** e-commerce applications ([iOS](#) | [Android](#)), achieving perfect 100/100 Lighthouse scores.
- Built an internal enterprise campaign management platform (HB Campaign Panel) from scratch utilizing Next.js, React, and SQL (Postgres), leveraging AI-assisted coding tools (Cursor/GPT) to accelerate Agile delivery cycles.

**Talent500** | Software Developer (Remote | USA & India) | *April 2022 to April 2024*

- Took 100% solo frontend ownership of the [talent500.com](https://talent500.com) AI Planet platform, integrating AI-powered workflows, external tools, and memory states using Next.js, Redux Toolkit, and Zustand within an autonomous, distributed global Agile environment.
- Commanded a full-scale UI redesign and React to Next.js migration for the **Canvas Project** ([canvas.talent500.co](https://canvas.talent500.co)), driving engineering execution to perfect 100/100 performance and responsiveness scores.

**Optimus Software** | Senior Software Developer (Istanbul, Turkey) | *November 2021 to March 2022*

- Led full-stack lifecycle for high-traffic, custom B2B trading, e-commerce, and fundraising platforms ([obt.com.tr](https://obt.com.tr)) using React, Node.js, and noSQL (MongoDB), significantly reducing application latency and securing API integrations.
- Used LLM tools to accelerate multi-step iterations, cutting through bottlenecks to optimize execution speed.

**Freelance** | Full Stack Developer (Contract | Remote) | *January 2021 to December 2021* — Shipped end-to-end, production-ready web applications using Next.js, Node.js, and Docker for competitive e-commerce and finance sectors.

**M&L Software** | Software Developer (Istanbul, Turkey) | *January 2020 to January 2021* — Developed ERP and e-commerce applications using React and React Native deployed on Google Cloud Platform (GCP).

**Morplex Industry, Commerce Ltd.** | Front End Developer & Designer (Istanbul, Turkey) | *February 2017 to August 2017* — Maintained corporate web applications and digital product catalogs while contributing to UI/UX design execution.

## EDUCATION

- **Giresun University** | Associate of Science (A.S.) in Computer Programming | *2014 to 2016*

## CERTIFICATIONS

Node.js API Masterclass (Express/MongoDB) | MERN eCommerce From Scratch | AWS Cloud Architecture Fundamentals | PyTorch & Advanced AI Systems