Samed Škulj

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SUMMARY

Senior Full Stack Engineer with 6 years of experience building web platforms and AI-powered features

SKILLS

- **Languages**: TypeScript, JavaScript, Python
- **Frontend**: React.js, Next.js, TanStack Query, Tiptap, next-intl, Material UI, Tailwind CSS, SCSS, Vitest, Playwright
- **Backend**: Node.js, NestJS, Express.js, REST APIs, microservices, event-driven architecture, web scraping
- **Cloud & DevOps**: AWS (S3, SQS, SNS, MSK), Docker, GitHub Actions, CI/CD, monorepo
- **Databases & Messaging**: PostgreSQL, MSSQL, ClickHouse, Redis, Kafka
- **CMS & BaaS**: Strapi, Contentful, Firebase, Supabase
- **AI & LLM**: OpenAI API, Anthropic SDK, Google GenAI, Model Context Protocol (MCP), LLM integration, prompt engineering, AI agents, Claude Code, Cursor

EXPERIENCE

Deel, *Senior Full Stack Engineer (B2B Contractor)* Feb 2026 – Present

- Architected and built custom Model Context Protocol (MCP) servers, enabling AI models to programmatically search, retrieve, and analyze articles.
- Led the end-to-end migration of the core article editor from a legacy system to Tiptap 3, supporting rich-text collaboration and modern UI/UX standards.
- Led the architectural overhaul and migration of a complex knowledge platform from Vue 2.7 to React 19, achieving zero downtime and modernizing state management.
- Architected and deployed an AI content-recommendation engine that dynamically surfaces related posts by analyzing multiple contextual factors.
- Engineered a fully autonomous AI review system that analyzes pages and generates production-ready drafts without human intervention.
- Designed and implemented an automated spreadsheet processor that uses LLMs to interpret complex questions and populate corresponding answer columns with high accuracy.
- Led development of an automated web-scraping and parsing pipeline that extracts legislative statutes and synthesizes them into actionable application rules.

HTEC, *Senior Full Stack Engineer (B2B Contractor)* Sep 2024 – Present

- Led the migration of loggers within the main frontend project
- Developed the backend for an AI project that tracks screen activity and supports companies with remote employees
- Led development of a service that tracks the number of vehicles on the road, helping operators make informed decisions
- Led development of a full-stack event management system that streamlined operators' workflow, improving efficiency and usability
- Led development of a microservice with frontend and backend components, serving as a central hub for multiple interconnected projects in a monorepo and improving service communication and scalability
- Built a reusable library for multiple projects within a monorepo, ensuring code consistency and reducing duplication
- Designed and developed a data pipeline architecture for efficiently transferring data from Kafka to AWS S3 while ensuring high availability and reliability

Ministry Of Programming, *Full Stack Engineer* Jun 2022 – Sep 2024

- Implemented the complete frontend for a social trading suite, including its feed, personal social profiles, top master trader listings, and other features
- Served as team lead on a fintech trading platform project that enabled users to trade values using prices or lots

GRM Digital, *Full Stack Engineer* Oct 2021 – Jun 2022

- Developed the job application project that allowed the companies to employ humans in less than 7 days

Infinity Mesh, *Full Stack Intern* Jun 2021 – Sep 2021

- Built a news web app to the requirements set by mentors

EDUCATION

Bachelor's Degree in Computer Science, *University of Zenica* Oct 2019 – Jul 2022

Languages & DBMS: C++, Java, JavaScript, TypeScript, MSSQL