

VEJSIL HRUSTIC

Senior Full-Stack Engineer

Sarajevo, Bosnia & Herzegovina | vejsilh@outlook.com | +387 62 725 459 | linkedin.com/in/vejsilhrustic | github.com/vhrustic

SUMMARY

Senior full-stack engineer with 10+ years of experience building SaaS, fintech, healthcare, and AI-powered products, including work with Naga and Coinmetro. Deep expertise across the JavaScript ecosystem (React, Next.js, Node.js, NestJS) alongside hands-on experience shipping production AI systems: RAG pipelines, multi-LLM agentic workflows, and vector search with Qdrant. Comfortable owning a feature from architecture through deployment, with a track record of measurable outcomes — from 30% fewer production bugs to 15% revenue growth through improved payment systems.

EXPERIENCE

Tryal 2025 – 2026

Senior Software Engineer

- Built a multi-tenant SaaS platform helping CROs and biopharma companies automate the creation of key clinical study documents, replacing manual drafting workflows.
- Architected an agentic document-generation pipeline spanning multiple LLM providers (Anthropic, OpenAI, Google), grounded in study-specific RAG over sponsor-provided source materials to keep output traceable and hallucination-free.
- Delivered a real-time collaborative rich-text editor (Lexical, later migrated to SuperDoc) with integrated AI-assisted drafting and audit-ready workflows.

Coinmetro 2023 – 2025

Senior Software Engineer

- Redesigned the company website using Next.js, improving page performance and organic search visibility.
- Integrated Prismic CMS and built a responsive UI with Tailwind CSS and Shadcn UI, giving the marketing team faster, independent control over content.

Diagnosus 2021 – 2023

Senior Software Engineer

- Implemented CI/CD pipelines with Cypress end-to-end and integration testing, reducing production bugs by 30%.
- Built a reusable UI component library with Storybook, cutting development time by 20%.

The NAGA Group AG 2018 – 2021

Software Engineer

- Integrated multiple global payment providers, enabling expansion into new markets and contributing to 15% revenue growth.
- Designed and developed Node.js APIs powering the NAGA Pay mobile banking platform.

Swissqual (Rohde & Schwarz) 2016 – 2018

Software Engineer

- Developed .NET backend services for a telecom data analytics platform.
- Designed and implemented custom Angular-based visualization components for real-time network data.

SELECTED FREELANCE PROJECTS

ANDRE andre.ai

- AI-powered survey analytics platform that turns raw survey data into actionable business insights in minutes, with automated data cleaning and imputation.
- Built with Next.js and FastAPI; integrated OpenAI and LangChain for automated narrative extraction and report generation, cutting manual analysis time by up to 90%.

Revi revi.ai

- Agentic AI platform for private equity firms, automating M&A target sourcing, market research, and competitive intelligence at web scale.
- Built with Next.js and NestJS; designed OpenAI-powered agentic workflows and large-scale data ingestion, processing, and cleansing pipelines.

FundSeeder fundseeder.com

- Platform connecting undiscovered trading talent with institutional capital based on risk-adjusted performance.

- Built with Next.js and Flask (Python); integrated the Interactive Brokers API for live trader performance tracking.

SKILLS

AI / ML: OpenAI, Anthropic, Google Gemini, LangChain, LlamaIndex, Agno, RAG, AI Agents / agentic workflows, Qdrant

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Node.js, NestJS, Express.js, Python, FastAPI, Flask, .NET, Angular

Data & Infrastructure: PostgreSQL, MongoDB, MySQL, SQLite, Qdrant, AWS, BullMQ

Frontend & UI: Redux, Tailwind CSS, Material UI, Shadcn/UI, Lexical, SuperDoc

Payments & APIs: Stripe, REST APIs, Authentication, Interactive Brokers API, SaaS Architecture

Testing & Tooling: Cypress, Storybook, Git, GitHub, GitLab, Bitbucket, CI/CD

EDUCATION

Master's Degree in Computer Science

Faculty of Electrical Engineering, University of Sarajevo | 2013 – 2018