

Vedat Erenoglu

Malmö - Sweden

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Professional Summary

Freelance FullStack Developer with extensive experience in spec-driven development (**SDD**) and **agentic coding** tools, delivering reliable and maintainable software solutions. Strong background in React, Vue, Solid.js, Node.js, **Next.js**, **TanStack Start**, **workflow automation** with **Motia**, **Python**, and **TypeScript**. Proven ability to translate complex requirements into high-performance solutions for **contract-based** and mission-critical projects.

Education

Lund University, Sweden, May 2019 – April 2020 | Advanced Programming, Database, Agile Development

Lexicon Malmö, Malmö, Sweden, March 2018 – August 2018 | Full Stack Development

Technical Skills

- **Spec-Driven Development** with AI coding tools
- **AI-Enhanced Development Tools:** Trae, Antigravity, OpenCode, Cursor, VS Code
- **Large Language Models (LLMs):** Claude, GPT, Gemini, GLM (various models)
- **AI-Assisted Code Review Tools:** CodeRabbit
- **Spec-Driven & Agentic Coding Frameworks:** Agent OS, Spec Kit, OpenSpec
- **AI SDKs:** TanStack AI SDK, Vercel AI SDK
- **Data Science:** Python, NumPy, Pandas, Matplotlib, Seaborn.

Frontend & Full Stack

- **Languages:** TypeScript, JavaScript
- **Frontend Frameworks & Libraries:** React.js, Vue.js, Next.js, TanStack Start
- **State Management:** Redux Toolkit (RTK), Zustand, Vuex, Pinia
- **Data Fetching & Forms:** TanStack Query, React Hook Form, TanStack Form
- **UI & Styling:** Tailwind CSS (and modern ecosystem libraries), shadcn/ui, solid UI
- **Validation & Schemas:** Zod
- **Tables & Data Handling:** TanStack Table
- **ORM:** Prisma
- **UX Design:** Figma

Communication & Media Services

SendGrid, Postmark, MailerSend, Cloudinary, Twilio

DevOps & Deployment

Vercel, Netlify, Cloudflare, Heroku, DigitalOcean, Docker

Databases & Serverless Databases

PostgreSQL, MySQL, MongoDB, Neon, Supabase, Prisma Postgres

Version Control

Git, GitHub, GitLab

Professional Experience

Freelance Full Stack Developer | Specialist in Agentic Workflows & AI Automation

Malmö, Sweden | November 2024 – Present

- **Architecting Agentic Systems:** Designing and deploying autonomous AI agents capable of navigating complex codebases, executing **multi-step refactors**, and managing **end-to-end** feature development.
- **Workflow Automation:** Engineering custom "Human-in-the-Loop" (**HITL**) pipelines that integrate LLMs with GitHub Actions and CI/CD, resulting in a **40% reduction** in manual PR review time for clients.
- **Full Stack Integration:** Bridging the gap between modern AI orchestration (**Motia, Python, TypeScript**) and robust production environments (**TanStack Start, Prisma**).
- **Strategic AI Consulting:** Advising remote and Öresund-based startups on transitioning from simple "Chatbot" interfaces to **Agentic Architectures** that perform real-world actions and reduce operational overhead.

Freelance – Full Stack Developer

Malmö, Sweden | August 2018 – November 2024

- Designed, developed, and deployed full-stack web applications for clients using modern frontend frameworks including **Vue.js, React, Next.js, TanStack Start**
- Built scalable backend systems with **Node.js, Express.js, PostgreSQL**, and MongoDB.
- Engineered responsive and accessible user interfaces using **Tailwind CSS** to enhance user experience and engagement.
- Managed **end-to-end project lifecycles**, from requirements gathering and architecture design to deployment and post-launch support, ensuring on-time and high-quality delivery.

IKEA Group: Backend Developer (Internship) | Helsingborg, Sweden, February 2020 – May 2020

- Contributed to the development and maintenance of backend services, gaining hands-on experience with Java and database management within an enterprise environment.

Freelance: Web Developer | Stockholm, Sweden, January 2014 – July 2018

- Delivered responsive and user-friendly websites to multiple clients using WordPress, HTML, CSS, and JavaScript, meeting diverse business needs.

Languages

English: C1 • Swedish: B2 • Turkish: Native