

Žiga Medved

Backend / Full-Stack Engineer — Low-Latency Systems | Distributed Systems | Product-Focused

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Professional Summary

Backend engineer with strong experience in low-latency systems and high-throughput distributed infrastructure, currently working on core trading services at Robinhood/Bitstamp. I enjoy building products end-to-end and taking ownership in fast-moving environments. While my core strength is backend systems, I'm comfortable working across the stack and using modern tools to rapidly prototype and ship features. Experienced in both startup and corporate environments, with a focus on delivering measurable impact.

Experience

Robinhood / Bitstamp — Backend Engineer (Oct 2024 – Present)

- Build and optimize backend systems powering real-time trading infrastructure.
- Reduced write latencies by ~75% through improved data partitioning.
- Reduced matching engine load by 2–3% during peak trading periods.
- Own and evolve REST, FIX and WebSocket APIs used in real-time trading.
- Lead efforts around system performance and low-latency architecture.

The NU — Backend Engineer (Jul 2022 – Oct 2024)

- Built and maintained backend microservices for a production medical platform.
- Integrated external systems and APIs, expanding product capabilities.
- Worked across the full development lifecycle, from design to deployment.
- Mentored new engineers and contributed to team scalability.

Projects & Product Experience

- Built and deployed full-stack applications, including backend services and frontend interfaces.
- Experience building products from scratch and iterating quickly in startup environments.
- Backend & DevOps work for Web3 startup projects.
- Developed and deployed a custom CRM system for a private client.
- Active use of AI tools (e.g. Cursor, Claude) to accelerate development and ship faster.

Skills

Languages	Go, JavaScript, Python, Solidity, C, Java
Frontend	React (basic), Next.js (learning), modern web fundamentals
Backend	REST APIs, WebSockets, Microservices, Gin, Fastify, NestJS
Infrastructure	Docker, AWS, Redis, Distributed Systems, Low-Latency Systems
Databases	MongoDB, MySQL, DynamoDB, Firebase DB, S3

Education

University of Ljubljana — BSc Computer and Information Science