

Alireza Rezapour

Software Engineer with **3+ years** delivering reliable, high-throughput systems in production. Proficient in **Node.js, Python, Go**, and SQL/NoSQL databases. Actively building cloud-native applications, implementing DevOps best practices, and **contributing to AI-powered products**.

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EXPERIENCE

Hamtapay

Iran, Mashhad — *Backend Engineer*

August 2025 - PRESENT

- Led refactor of Financial service core, reducing transaction failures by 90% and production issues by 30% through improved PostgreSQL handling.
- Implemented caching to cut database read load by 99%, dropping requests from 5,000+/sec to under 20/sec and boosting system performance.
- Shifted inter-service communication to event-driven async architecture, cutting network traffic by 40% and enhancing scalability.
- Migrated analytical queries to ClickHouse, halving execution times and offloading PostgreSQL for 50% better platform performance.
- Extended Kong API Gateway with Golang plugins and built AI internal tools, streamlining workflows and reducing dev time by 20%.

Part Software Group

Iran, Mashhad — *Backend Engineer*

April 2024 - August 2025

- Led cross-team outage recovery, slashing MTTR by 70% via collaboration and troubleshooting.
- Optimized performance with OpenTelemetry and profiling, reducing key workflow latency by up to 60%.
- Re-architected services with scalable designs and MVPs, cutting technical debt and speeding deployments by 50%.
- Drove architectural decisions and authored 10+ RFCs to establish company-wide standards and best practices.
- Managed sprint planning and backlog refinement, improving estimation accuracy by 15% and delivery predictability by 20%.
- Mentored new hires, enhancing onboarding docs and guidance to reduce ramp-up time by 40%.

SKILLS

Language

Javascript/TypeScript, Go, Python

Database

MongoDB, PostgreSQL, Redis, ClickHouse, InfluxDB

Cloud & DevOps

CI/CD (GitLab, GitHub), Docker, Podman, API Gateway (Kong, KrakenD), S3, Nginx

Frameworks

Nest.js, Express.js, FastAPI, Adonis.js, Fastify

Messaging

RabbitMQ, NATS, Kafka (basic)

Architecture & Practices

Event-Driven, Hexagonal, TDD, Cache Strategies, RESTful, Clean Code, RPC

Others

Interview Preparation, Conflict Resolution, Jira, Agile/Scrum

PUBLICATIONS

medium.com/@namatery

EDUCATION

Bachelor's Degree in Computer Engineering

Forvest

Iran, Mashhad — *Backend Developer*

Aug 2023 - April 2024

- Architected monolithic-to-microservices migration, reducing deployment time by 70% and latency by 40%.
- Redesigned crypto market data service, halving fetch times for 200 symbols to enable faster real-time AI analysis.
- Built event-driven InfluxDB listeners for real-time alerts on hundreds of user conditions.
- Leveraged NATS for low-latency data streaming, supporting AI services and accelerating decision-making.
- Designed custom CRM to track behavior and automate actions, boosting retention and support efficiency.
- Implemented KrakenD API Gateway for secure routing and scaling of backend endpoints.
- Set up CI/CD pipelines to improve deployment reliability and minimize release friction.

Farajahan Hashtom

Iran, Mashhad — *Backend Developer*

Aug 2023 - April 2024

- Designed scalable Node.js/Express backend from scratch.
- Implemented real-time price broadcast system with WebSockets
- Enhanced MongoDB performance through query and index optimization.

PROJECTS

[Hamtapay](#) - Premier Iranian cryptocurrency exchange with zero-fee trading, secure wallets, real-time tools, and instant buy/sell for digital assets.

[Part Software Group](#) - Financial software & BI platform empowering businesses with smart economic tools.

[Forvest](#) - AI-powered crypto portfolio management platform with smart analysis, trust scores, alerts, and low-risk investment tools.

[Sekabit](#) - Trading platform with smart risk-free bots for automated global market investments and secure growth.

OPEN SOURCE

- [Uptime Kuma](#)
- [FireCrawl](#)
- [PodMan MCP](#)
- [My NPM Packages](#)