

Gregor Menih

Senior software engineer

INTRO

Software engineer based in Slovenia, with over a decade of experience across product engineering, backend systems, and team leadership.

Most of my work has been backend-heavy, but I'm comfortable across the stack and treat language or framework as an implementation detail, not a constraint.

Outside of work, I spend a lot of time tinkering - building tools, running my homelab, building personal projects, and just following whatever caught my curiosity that month.

For more about what I've built or worked on, you can check out my [GitHub](#), or my [LinkedIn](#) profile.

Skills

Backend Development

- Built and supported everything from polyglot microservices to chunky monoliths.
- Worked on backend at scale, supporting millions of daily users
- Full ownership of any project or feature I touch - see things end-to-end, dig far enough to understand the actual root cause.
- Obsessed with metrics - I love profiling slow queries, fixing queue backpressure and figuring out how to improve any system I touch.

Architecture and System Design

- Design complex full-stack architectures end-to-end; service boundaries, data flows, async processing, and integration patterns
- Re-architect existing systems for scale. Investigating parts that grew together by accident and providing manageable roadmaps to untangle them.
- Advise teams on architectural calls - what systems to pick, what makes sense, and where to draw the line in over-engineering and pre-emptive optimization.

Cloud and Infrastructure

- Full ownership of production infrastructure - selecting the building blocks and orchestrating them with Terraform.
- Cost optimization on complex systems through right-sizing, workload separation, and resource tuning.
- Working experience across all major cloud providers.

Leadership and Delivery

- Lead small project teams end-to-end; scoping, technical direction and delivery.
- Manage parallel projects without dropping the ball.

Experience

Povio Inc

Senior Software Engineer

SINCE AUGUST 2022

- Lead engineer on a long-running NestJS / PostgreSQL / GraphQL platform. Migrated from Express to NestJS and from schema-first to code-first GraphQL - both shipped with zero downtime and no breaking changes.
- Split backend into separate API and worker services to prevent peak load crashes. Brought p95 latency from over 3s to under 300ms; critical endpoints down to less than 150ms
- Cut the project's AWS bill by 20% through targeted SQL query optimization and indexing work.
- Worked on a high-traffic media platform serving millions of daily views - maintaining and improving the ad tech stack, data pipelines, and ad viewability.
- Designed the architecture for a music processing app - offloading ffmpeg work from the client to server and keeping audio track representation in sync.
- Designed and built the backend architecture for an IoT device, including granular access control, adaptive scheduling, and reactive two-way communication.

GlobalWebIndex Ltd

Senior frontend engineer

AUGUST 2021 - JULY 2022

- Maintained and improved multiple frontend applications powering a large-scale surveying platform.
- Cut bundle sizes by over 50% on several apps through dependency auditing and build-pipeline work.
- Built a speech-to-text app aimed at improving platform accessibility.

erento GmbH

Tech Lead

JULY 2020 - AUGUST 2021

- Tech lead reporting directly to the CTO. Mentored new team members and authored the team's first documentation standards.
- Built internal tooling that automated common engineering workflows.
- Led the modernization initiative - migrating large parts of the legacy codebase to a more maintainable stack.

Senior full-stack engineer

MARCH 2018 - JULY 2020

- Worked on a large polyglot microservices platform across multiple languages and frameworks.
- Wrote the logic of the Elasticsearch indexing service and contributed heavily to its evolution.
- Maintained the Angular frontend and orchestrated service deployment on Kubernetes.

Equaleyes Solutions Ltd

Full-stack engineer

MARCH 2016 - MARCH 2018

- Led the development of a two-way synchronization platform between client backends and multiple third-party APIs, designed for easy vendor integration.
- Developed a highly customizable note-tracking and sharing solution for enterprise clients.
- Built and maintained a large taxi and shuttle platform.
- Load-tested and scaled a WebSocket-based application to handle large numbers of concurrent users.

ComTrade d.o.o.

Engineering intern

NOV 2015 - FEB 2016

- Developed software packages for Citrix XenApp

Student instructor

JUNE 2015

- Mentored a team of students during the EDiT Summer School, where we built a LEGO warehouse robot using AngularJS and JavaE

EDUCATION

Faculty of Electrical Engineering and Computer Science, Maribor 2016

- Graduated as a **Bachelor of Computer Science and Information Technologies**

School of Electrical and Computer Engineering, Velenje 2013

- Graduated as a **Computer technician**
- Attended computer programming competition at the **Institute Jožef Štefan**, receiving a silver award