Lovro Mažgon

lovro@mazgon.dev | (+43) 670 603 6543 | Graz, Austria | ⌕ @lovromazgon

WORK EXPERIENCE

Meroxa   Feb. 2021 - July 2025
Staff Software Engineer   *Remote*
- Meroxa raised $19.2M and built a real-time data platform, running numerous data pipelines for the private and gov sector.
- As the Tech Lead for Conduit, an open-source data streaming tool, I led a 4-person engineering team and owned the project's architecture, direction and execution.
- Managed the full development lifecycle from planning to release management of 100+ repositories.
- Architected Conduit from the ground up. Designed a data streaming engine capable of processing hundreds of thousands of messages per second with backpressure and delivery guarantees. Designed a language-agnostic plugin system, the OpenCDC data format, a data processing engine supporting native Go, JavaScript, and WebAssembly (Wasm) processors.
- Drove the development of critical features including numerous connectors (Kafka, PostgreSQL, AWS S3 etc.), the public REST/gRPC APIs, a Dead-Letter Queue (DLQ), and a comprehensive performance benchmarking suite.
  - **Cost saving**: Supported the adoption of Conduit on the SaaS platform, replacing an existing Kafka Connect cluster and reducing the total operational cost by 73% ($33k USD/month) while also reducing management overhead.
  - **Stack**: Go, gRPC, Wasm, Kafka, PostgreSQL, AWS S3, Docker, Kubernetes, Ollama.

Bluelabs   Oct. 2019 - Feb. 2021
Engineering Lead | Oct. 2020 - Feb. 2021   *Remote*
- Bluelabs is modernizing the sports betting industry by building an end-to-end sports betting platform from scratch.
- Owned the account domain, which included planning, architecture, implementation and hiring.
  - **Stack**: Go, PostgreSQL, Pulsar, Redis, Micro-services, CQRS.

Senior Software Engineer | Oct. 2019 - Oct. 2020
- Prior to my promotion to Engineering Lead, I designed and implemented several micro-services including the entire payment system which on average processed 70k payments per day.

Toggl   Mar. 2018 - Oct. 2019
Backend Software Engineer   *Remote*
- Worked on backend services for a time-tracking application with 3 million users and 125k operations per minute.
  - **Stack**: Go, PostgreSQL, Redis.

Solicon-IT   June 2016 - Mar. 2018
Backend Software Engineer   *Graz, Austria*
- Designed and implemented a real-time data warehouse using a custom event processing pipeline with Go and Kafka.

EDUCATION

University of Maribor   Oct. 2010 - June 2016
Masters of Science, Informatics and Technologies of Communication   *Maribor, Slovenia*
- **GPA: 9.88/10.0**
- Thesis: Implementation of a Recommender System based on a Graph Extracted from Itemsets

Bachelor of Science, Informatics and Technologies of Communication
- **GPA: 9.66/10.0**
- Thesis: Design and implementation of a classifier in Weka

SKILLS & INTERESTS

- Technologies: Go, gRPC, Wasm, Kafka, PostgreSQL, AWS S3, Docker, Kubernetes, Ollama.
- Skills: Software architecture, data streaming, distributed systems, project planning.
- Interests: Cooking, dog training, playing the piano, music, tech.