

Lovro Mažgon

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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 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.