

# Mauri de Souza Meneguzzo

Senior Software Engineer

✉ mauri870@gmail.com |  linkedin.com/in/mauri870 |  github.com/mauri870 |  mauri870.com

## education

2023-present

**DUAL SPECIALIZATION IN DATA SCIENCE AND AI, CYBERSECURITY** *Uninter, Brazil*

2017-2021

**BTECH IN INFORMATION TECHNOLOGY WITH A FOCUS ON SYSTEMS ANALYSIS AND DESIGN** *Uniftec, Brazil*

## Projects



As an official member of the Go open source team, I have made substantial contributions to the language and ecosystem.

My work spans across multiple areas of the Go language, including the runtime, standard library, and toolchain. I also contribute to other parts of the project, like the build system and *golang.org/x* repositories. I was nominated for a Google Open Source award in 2024 for my contributions to *golang/go*. A detailed record of my contributions can be found [here](#).

## work

2022 - ongoing

**FULL STACK SOFTWARE ENGINEER** *Meisterwerk* **Remote / Full-time / Germany**

- Collaborated with cross-functional teams to deliver high-quality software solutions that meet business and user requirements.
- Provided guidance and mentorship to the engineering team on best practices and standards.
- Designed and implemented HTTP and gRPC microservices using Golang, ensuring security, scalability, and maintainability of the system.
- Debugging and profiling techniques using tools such as Delve and pprof, finding memory and cpu bottlenecks.
- Improved app build times by 64% by leveraging caching and parallelization.
- Exploratory Data Analysis and visualization using Python and Pandas.
- Implemented automated vulnerability scanning and static code analysis in CI/CD pipelines.
- Maintained a mobile app using React Native.

2021-2022

**ASSOCIATE / FULL STACK SOFTWARE ENGINEER** *Bucks App / Startup (finance)* **Remote / Full-time / USA**

- Entered Mercury Raise Round IV for startups.
- Developed secure Go and NodeJS systems on AWS, integrated with financial solutions.
- Implemented cryptographically secure systems to ensure data integrity and confidentiality.
- Mobile app development with React Native

2019-2021

**CTO / LEAD SOFTWARE ENGINEER** *3CPLUS - SAAS (communications)* **Remote / Full-time**

- Managing a team of 6 engineers, company achieved a MRR growth of 120% in 2020.
- Scaled a realtime system to handle thousands of concurrent users and millions of events per day.
- Modeled a reliable ingestion system for a PowerBI data lake.
- Independently built a open-source Kubernetes Health Check operator for automated status dashboards.
- Improved AI projects with Tensorflow 2 and state-of-the-art techniques, resulting in a 10x speedup in inference and a 20x reduction in resource usage.

2016-2019	<b>FULL STACK SOFTWARE ENGINEER</b> <i>3CPLUS - SAAS (communications)</i> <b>Remote / Full-time</b> <ul style="list-style-type: none"> <li>• Led a team of engineers on the project migration to GCP and Kubernetes.</li> <li>• Adapted and extended all parts of the system to work in a distributed architecture, scalable horizontally.</li> <li>• Developed REST, GRPC and Websocket APIs in Go, NodeJS and PHP.</li> <li>• Deloped Asterisk PABX modules in Rust/C to optimize telephony routines.</li> <li>• Software and API documentation with OpenAPI and PlantUML.</li> <li>• Continuous Integration and Delivery with Gitlab, automated builds and deploys with zero downtime.</li> <li>• Research on Deep Learning for mailbox detection resulted in a 70% increase in accuracy.</li> <li>• Developed an event broker to serve high-throughput events through different real-time protocols.</li> </ul>
2015-2016	<b>SOFTWARE DEVELOPER</b> <i>Freelancer</i> <ul style="list-style-type: none"> <li>• Web applications using PHP/Laravel and VueJS.</li> </ul>
2014-2015	<b>IT ASSISTANT, PRIVATE RANK</b> <i>6th Comms Bn of the 6th Div, Brazilian Army</i> <b>Onsite / Full-time</b> <ul style="list-style-type: none"> <li>• Linux server administration, network management, and IT support.</li> <li>• Collaborated on the development of a real-time dashboard system for the command center.</li> <li>• Signal Corps, went to army reserve with a honorable mention.</li> </ul>

## languages

Portuguese (native)  
English (fluent)

## skills

<b>Techs:</b>	Golang, Rust, PHP, Python, TypeScript/JS, C, Bash
<b>Fields:</b>	Distributed Systems, AI, Cloud Computing, Web, Product Management, Cybersecurity
<b>DevOps:</b>	Docker, Kubernetes, AWS, GCP, Gitlab
<b>Processes:</b>	JIRA, Monday, Agile, Scrum, Kanban, OKR's

*I propose to consider the question: "Can machines think?" — Alan Mathison Turing*  
*Work hard. Dream big. Stay humble.*