

# Mauri de Souza Meneguzzo

Senior Software Engineer

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## 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](#).



kubernetes

As a contributor to the Kubernetes project, I have engaged with the community to help advance the project's development.

My contributions include fixing bugs, improving documentation, and participating in discussions to support feature development.

I collaborate with other contributors to ensure high-quality code and reliable performance, helping to maintain Kubernetes' position as a leading tool for cloud-native applications. Through these contributions, I have developed a strong understanding of Kubernetes and its core components.

Additionally, I assist in triaging bugs and reports from the Kubernetes team and related cloud projects into the Go Issue Tracker.

## 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	<b>ASSOCIATE / FULL STACK SOFTWARE ENGINEER</b> <i>Bucks App / Startup (finance)</i> <b>Remote / Full-time / USA</b> <ul style="list-style-type: none"> <li>Entered Mercury Raise Round IV for startups.</li> <li>Developed secure Go and NodeJS systems on AWS, integrated with financial solutions.</li> <li>Implemented cryptographically secure systems to ensure data integrity and confidentiality.</li> <li>Mobile app development with React Native</li> </ul>
2019-2021	<b>CTO / LEAD SOFTWARE ENGINEER</b> <i>3CPLUS - SAAS (communications)</i> <b>Remote / Full-time</b> <ul style="list-style-type: none"> <li>Managing a team of 6 engineers, company achieved a MRR growth of 120% in 2020.</li> <li>Scaled a realtime system to handle thousands of concurrent users and millions of events per day.</li> <li>Modeled a reliable ingestion system for a PowerBI data lake.</li> <li>Independently built a open-source Kubernetes Health Check operator for automated status dashboards.</li> <li>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.</li> </ul>
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

**Techs:** Golang, Rust, PHP, Python, TypeScript/JS, C, Bash  
**Fields:** Distributed Systems, AI, Cloud Computing, Web, Product Management, Cybersecurity  
**DevOps:** Docker, Kubernetes, AWS, GCP, Gitlab  
**Processes:** 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.*