Mauri de Souza Meneguzzo

📍 Brazil

📱 +55 54 981189792 | ✉ mauri870@gmail.com | 🔗 linkedin.com/in/mauri870 | ⌨ github.com/mauri870 | 🌐 mauri870.github.io

Work hard. Dream big.

work

2021   **ASSOCIATE / SENIOR SOFTWARE ENGINEER** *Bucks App / Startup* **Remote / Full-time / USA**
- Developed backend services in Typescript
- Used multiple AWS services (S3, Cognito, SES, SQS, Lambda, SAM).
- Developed a React Native mobile app for both Android and IOS.
- Integrating with financial solutions such as Dwoola, Checkbook and Plaid.

2019-2021   **CTO / LEAD SOFTWARE ENGINEER** *3CPLUS Call Center Solutions* **Remote / Full-time**
- Managing a team of 4 engineers, including code review, interviewing potential team members and ensuring the team delivers sprints and OKR's on time.
- Company reached a MRR growth of 120% in 2020
- More than a thousand concurrent users and thousands of simultaneous calls
- Developed a high throughput bulk ingestion system in Go to feed realtime data into a PowerBI data lake for later mining and visualization.
- Developed an Open Source Kubernetes operator to report services health to an external status page.
- Rewrited the mailbox detection AI using Tensorflow 2 and various improvements, resulted in a speedup of 10x and 20x lower cpu usage.

2016-2019   **SOFTWARE ENGINEER** *3CPLUS Call Center Solutions* **Remote / Full-time**
- Leading the migration of a full stack project to Google Cloud Platform and Kubernetes.
- Used various GCP resources (GKE, Storage, IAM, MemoryStore, Compute Engine)
- Spliting a larger and complex system into a distributed architecture composed of smaller microservices and docker containers, scalable horizontally.
- Creating REST, GRPC and Websocket APIs in Go, NodeJS.
- Develop web applications with PHP and Laravel Framework, using Redis for caching and short-term queues.
- Codebase migration and adoption of PHP 7 and later 8.
- Developed an Asterisk PABX module in C to persist call recordings to Google Storage.
- Writing software and API documentation in Markdown, OpenAPI and PlantUML.
- Automating CI/CD with Gitlab, reduced build times to seconds and the deployment integrated with Kubernetes, mostly zero downtime.
- Designed and built a custom webphone with VoIP click-to-call and CRM integrations that runs as a web extension, PWA, hybrid app and webapp reusing the same codebase.
- Architected and applied Artificial Intelligence on the detection of mailboxes in realtime calls with Tensorflow, greatly improving the performance and assertivity of our predictive dialing algorithm by more than 70%.
- Developed a tool in Rust to filter and clear blacklisted data from CSV/TSV mailing files, increasing system assertivity.
- Created an event broker to serve application events from it's internal format to Websocket and Server-Sent Events, better suited for third-parties to integrate in real time.

2015-2016   **SOFTWARE DEVELOPER** *Freelancer*
- Web applications using PHP/Laravel and VueJS.

2014-2015   **IT ASSISTANT, PRIVATE RANK** *Brazilian Army*   **Onsite / Full-time**
- Linux and Windows troubleshooting and computer maintenance in general.
- Went to army reserve with a honorable mention.

skills

Languages: TypeScript, Golang, JavaScript, SQL, Python, Bash
Devops: Docker, AWS, GCP, Gitlab
Processes: Agile, Scrum, Kanban, OKR's

education

2021   **INITIATION IN COMBAT AND ARMORED WARFARE SIMULATION** *Brazilian Army / UFRGS*

2017-2021   **SOFTWARE ANALYSIS AND DEVELOPMENT** *FTEC*

2013-2014   **COMPUTING TECHNOLOGIST (INCOMPLETE)**

languages

Portuguese (native)
English (intermediate)