Thiago Mello
Principal Software Engineer

Resume Summary

Seasoned Web Developer with 10 years of experience, skilled in full-stack development with a focus on backend and DevOps. Expertise in Golang, PHP, ReactJS, Vue.js, SQL, TDD, System Designs, Kubernetes, Docker, and more. Demonstrated history of successfully scaling startups to corporate levels and creating impactful web solutions for a variety of businesses.

Proactive and self-motivated, with a passion for learning new technologies to enhance development processes and make significant contributions to projects. Currently exploring RAG application development using the LangChain framework.

Work Experience

Principal Software Engineer @ smava

Berlin, Germany   Oct. 2021 - present

Took part in major projects in the Offerings, Customer Area and Checkout domains with the integration of Video Identity and Digital Signature processes. Performed diverse DevOps tasks such as the migration of Elastic Beanstalk services to Kubernetes (EKS) leading to a drastic reduction of infrastructure costs and introduction of advanced Spinnaker pipelines which allowed the lead to a leaner development experience.

Spearheaded the development and comprehensive expansion of the Digital Account Check system, an advanced integration with Tink (Visa), for secure customer banking information sharing for risk assessment. This critical project demanded extensive cross-departmental collaboration, involving coordination with various teams to ensure seamless implementation and extension. The initiative significantly contributed to increased loan volume, reduced churn rate, and markedly improved the company's financial standing in 2023.

Senior Full-stack Developer (Team lead) @ Studydrive

Berlin, Germany   Jan. 2017 - Oct. 2021

As one of the first developers of the start-up, managed to introduce a new technology stack and a reusable component system for the front-end of the platform which led to a more sustainable and easy way of approaching front-end projects . Strategized and kick-started the process of breaking the monolithic application into scalable and highly available micro services.

Took part in highly complex systems - such as:

- An Advertisement and User Group targeting system
- A gamification system for students that included a payment system
- Implemented job board integrated with third-party systems (ETL)
- Optimization of the posts feed algorithm
- A front-end relaunch of the platform - switching the front-end from reactive to a responsive

Associate-Lead Developer @ Vizad Solutions

Curitiba, Brazil   March 2015 - Dec. 2016

Managed an e-commerce platform and launched and led a digital marketing company focused on commercialization of Google Products (Street View and AdWords) and retails website development in Laravel and Wordpress.

Personal Info

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E-mail
thiago.megermello@gmail.com

Nationality
Portuguese & Brazilian

Links
Website

LinkedIn

Github

@thizaom

Languages

English	●●●●● Fluent
Portuguese	●●●●● Native
German	●○○○○ Basic

Skills

Golang	●●●●● Expert
Kubernetes	●●●●○ Advanced
Amazon Web Services	●●●●○ Advanced
Docker	●●●●○ Advanced
Terraform	●●●●○ Advanced
JavaScript
VueJS, React, TypeScript	●●●●○ Advanced
NodeJS	●●●○○ Proficient
Python	●●○○○ Intermediate

Others

Redis, SQL, ElasticSearch, Grafana, Prometheus, Kubernetes Controller Development, LangChain, Tailwind.CSS, Shell Script

Technical Consultant @ Bohemiasoft

České Budějovice, Czech Republic   Sept. 2013 - March 2015

Development of a Brazilian e-Commerce platform, adapting the system for the accounting reality of the market. Implementation of a Mobile Application prototype and development for Android (Java) and Windows Phone (C#) for the e-Commerce customers.

Advisory Consultant @ Ernst & Young (EY)

Curitiba, Brazil   Oct. 2011 - March 2013

Performed external audit (contracts, accounting and processes) in customers mainly on the Electric Energy segment. Made use of ACL for data analysis and issues identification in customers systems and developed VBA tools for teams to improve team performance and ensure high quality deliveries. Recognized as the best trainee of the region which led to a promotion.

SAS Developer and Services Analyst @ HSBC Bank

Curitiba, Brazil   June 2009 - Oct. 2011

Developed ETL systems in SAS Base 9.0, documented, modeled Data Cubes and Data marts that fed IBM Cognos to generate reports for many of the bank departments. Execution of periodic management reports and automation/redesign of internal processes.

As a third-party consultant developed an internal portal for all relationship managers and operational managers of HSBC Brazil to access their pending contracts.

Education

Post-graduation - Internet of Things and Embedded Systems

Universidade Positivo

• Curitiba, Brazil and Berlin, Germany | June 2016 — December 2018

Bachelor - Information Systems

Pontifícia Universidade Católica do Paraná

• Curitiba, Brazil | January 2007 — December 2011

Courses

Development of Modern Apps and Scalable Microservices

School of Net

• January 2020 — March 2020

Certified AWS Cloud Developer 2019

A Cloud Guru

• August 2019 — September 2020

Web Development with Elixir

Udemy

The Complete Elixir and Phoenix Bootcamp

Udemy

Soft Skills

Stakeholder Management

Project Management

Leadership

Conflict Resolution

Mentorship

Team Building

Communication

Hobbies

Collecting vinyls

Attending Post-hardcore/Metal concerts

Nature and Landscape photography

Running

Third-wave coffee + coding