



# 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

### Address

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Schöneberg, Berlin, Germany

### Phone

+49 (162) 929-7734

### 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