

Pedro Scaff

Software Engineer | Bachelor of Engineering | Brazilian / German | pedro@scaff.me | Living in Berlin

About me

I'm a backend focused software generalist with a broad range of skills. I can work with different technologies and learn fast. I have experience working with high quality standards and agile teams. I like setting up processes and helping teams work better and be more productive. I highly value a healthy and happy work environment.

My current job is as a software engineer at [Sanctuary Computer](#). My team works on the development of the OS and backend services for the [Light Phone](#) (LP). We work closely with the LP founders to develop new features and handle technical debt. I joined 5 months before the launch of the Light Phone III, the most ambitious project both Sanctuary Computer and Light have ever done. We managed to successfully launch the phone in Feb/2025 with great feedback from the specialized media and the LP community. Since joining I helped the team further develop software engineering best practices such as using proper QA tools and to constantly refactor code to simplify and speed up development.

Experience

Software Engineer at Sanctuary Computer / The Light Phone | Sep 2024 - current

- Development of the OS for the [Light Phone III](#)
 - react-native and Android (Java) native development
 - Backend development with Elixir
 - Maintenance and further development for the Light Phone II
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Software Engineer at Exasol | Feb 2024 - Aug 2024

- Backend development of API for [SaaS platform](#)
 - Setting up software engineering best practices for the team
 - Backend in Golang with AWS Lambdas, SQS and EC2
 - Infrastructure with AWS using Terraform and Serverless
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Vay | May 2020 - Nov 2023

Backend Engineer | Sep 2022 - Nov 2023

- Backend development of on-demand ride-hailing platform
- Distributed backend in Golang with Kafka
- Data schemas using protobuf
- Infrastructure with AWS using Terraform
- Development of operations dashboards with Appsmith

Embedded Software Engineer | May 2020 - Sep 2022

- Development of real-time, low-latency application built using ROS and CEF running on Linux
 - Lit Element/Redux/ThreeJS for Javascript WebApp
 - Development of embedded/native part using C++
 - IPC interface for communication between C++ and JS
 - Infrastructure setup using Terraform
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Software Engineer at Daimler Mobility Services | August 2019 – May 2020

- Backend development of on-demand fleet API
 - Distributed backend in Node.js with Kafka
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Software Developer at Pixsy | October 2018 – July 2019

- Frontend development of WebApp using React / Redux
- Setup for test automation infrastructure (Jenkins, Docker)

HERE Technologies | January 2015 - September 2018

Software Engineer | November 2017 – September 2018

- Frontend development of WebApps featuring 2D and 3D visualizations
- Node.js development of APIs tools and pipelines

Working student as a QA Engineer | January 2015 – October 2017

- Automation of functional tests for JS library and WebApp
 - Manual testing of JS library API and WebApp
 - Setup for test automation infrastructure (Jenkins, Docker)
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Private language teacher (german) | July 2012 – July 2013

Skills

- Javascript / Typescript
- Golang
- NodeJS
- AWS
- Terraform
- Rust
- Elixir

Education

HTW Berlin - University of Applied Sciences | 2014 - 2017

- Computer Engineering, Bachelor

Languages

- Mother language: **Portuguese**
- Fluent: **English** and **German**
- Basic: **Spanish** and **Italian**

Social

- [Github](#)
- [LinkedIn](#)