

Fabio Oliveira Costa

fabiocostadev@gmail.com

[+49 17632155996](tel:+4917632155996)

<https://github.com/drFabio>

ABOUT ME

I am a polyglot developer with over 21 years of experience, my main stack is Javascript-based with **Typescript**, **React**, **AWS**, **CDK**, **Cypress**, and **Jest**. I've been on several stacks in the past such as **PHP**, **Python**, and **Java** ones. I see languages as tools and not as an end in themselves.

I've been working as a Tech Lead since 2023, but have been in lead-like positions for a while. Overall, I see myself as a force multiplier.

Hope we can make great things together!

PROFESSIONAL EXPERIENCE

Staff Engineer

Taxdoo

January 2025 – Present

Hamburg, Germany [Remote]

- Created a series of AI workflows for safe refactoring using **Claude**.
- Working on a tax based system with several languages (**PHP**, **Python**, **Node**, **Go**, and **Java**) in an effort to migrate them to a single **Typescript** and **React code-base**.
- Aggressively optimized the **GitLab** pipeline with caches, conditional testing, merge trains and parallelization cutting from 20 minutes per run to just 2 on the optimal path.
- Handled **AWS CDK** infrastructure for both **monolith** and **microservice** architectures.
- Created a QA testing approach for safe and quick development using **Jest**, **Cypress**, **storybook** and **Chromatic**
- Mentored a senior helping him achieve his potential on his own terms, we developed a **Supabase** powered internal tool, and migrated a Java legacy project.

Tech Lead

Zolar (Solar energy)

February 2023 – January 2025

Berlin, Germany [Remote]

- Had 4 direct reports on a team of 6, with over 50 stakeholders across 4 different domains.
- Developed systems using **Typescript**, **NestJS**, **React**, **CSS**, **Node.js**, **AWS**, **CDK** and **Cypress**.
- Designed end to end systems for supply chain and warehouse management allowing 95% of our orders to go through without human intervention.
- Crafted SalesForce and marketing integrations for seamless client communication and GDPR workflows, allowing us to switch tools reducing or monthly expenditure .
- Designed integration systems to connect off-the-shelf systems with third party vendors using over 9 different protocols and communication styles.
- Improved deployment pipelines company wide by 90%.
- Conducted several interview processes making automated interviews a first step in quickly vetoing candidates, Saving time to veto a candidate from 2 weeks to 1 day.

Senior Full-stack Engineer

VISI/ONE (Automotive IoT)

September 2022 – February 2023

Berlin, Germany [Remote]

- Contributed to a very old and legacy code-base with **JavaScript** and **PostgreSql**.
- Took a designer role on the modernization strategy and execution of the reformed code-base.

Senior Full-stack Engineer

heyday (Human resources [Impacted by layoffs])

October 2021 – September 2022

Berlin, Germany [Remote]

- Empowered a team of 3 exceptionally good developers working with **Nest.JS**, **Next**, **Terraform**, **Kubernetes**, **AWS**, **Cypress** and **Jest**.
- Helped create a full-stack employee benefit platform.
- Worked on invoice systems and automated paying systems making manual process that took 3 days take seconds.
- Produced tax automations and tax calculators to help employers offer the best for their employees.
- Crafted mobile-first solution for the employee benefit apps.
- Maintained our kubernetes clusters using terraform keeping our AWS bill low and our availability high.

Lead Backend Developer

ThinxNet [Now Ryd] (Automotive IoT)

December 2020 – September 2021

Munich, Germany [Remote]

- Managed a team of 4 amazing developers on our **Nest.js**, **PostgreSQL** micro-services solution.
- Worked on multiple points of sale integrations with a wide range of communications protocols.
- Created a code generation for integrations cutting integration times from 3 months to 2 weeks.

Senior Consultant

Concept Reply (Automotive IoT)

September 2019 – December 2020

Munich, Germany [Remote]

- Led a rotating team of talented developers on industrial IoT projects.
- Worked mainly on an **OpC-UA**, **MQTT**, **Typescript** industrial systems management platform.
- Due to my polyglot background consulted on several ongoing projects with **Python**, **Java** and **Typescript**.

Lead FullStack Developer

Workerbase (Industrial IoT)

May 2018 – August 2019

Munich, Germany

- Coded a full-stack app-builder for industrial processes using **MQTT**, **Node.js**, **React** and **OPC-UA**
- Made a **E2E** test infrastructure using **jest**, **testcontainers** and **Cypress**

Senior FullStack Developer

Tanaza (Cloud and WiFi Management)

August 2016 – May 2018

Milan, Italy [Remote]

- Worked on the system WiFi using **React**, **GraphQL**, **PostgreSQL**, **Typescript**, **Apollo** and **express**
- Made a corporate and public WiFi editor that was both easy to use and flexible to build

Freelancer / Employed

Miscellaneous

February 2004 – August 2016

Several countries

- Consulted on several projects for an Ireland based team augmentation company
- Implemented an application tracking system that created a Brazilian startup
- Created several multimedia projects such as teaching platforms, web radios, online gambling and remote video services
- Team Lead with 3 direct reports handling all technology aspects of a Music branding business
- Create a C++ DRM system that allowed a business to have licensed music on disk that could be played back in realtime

EDUCATION

Federal university of the ABC region

B.Sc. Computer Science

Santo André, Brazil

2009 - 2016

Technical school Jorge Street

Technical degree - Mechatronics

São Caetano do Sul, Brazil

2005 – 2006

VOLUNTEER WORK

- **ReDI school of Digital Integration** - Spring 2020 - **Java** teacher
- **ReDI school of Digital Integration** - Fall 2019 - **Java** teacher
- **Free code camp - São Paulo** - 2018/2019 - Community manager.

SKILLS

Languages: Portuguese (native), English (C2) and German (A2)

Methodologies: Scrum, Kanban, XP and other Agile frameworks