CONTACT

- +49 176 22 952 310
- telmo.ccb@gmail.com
- GitHub
- LinkedIn
- Portfolio

EDUCATION

Hochschule Schmalkalden, Germany

Erasmsus Exchange Program

NOVA University of Lisbon, Portugal

MSc. Electrical and Computer Engineering

NOVA University of Lisbon, Portugal

BSc. Electrical and Computer Engineering

EXPERTISE

Project Management

Software Development

DevOps

Fullstack Development

Software Infrastructure

LANGUAGES

German	★★★★⯪
English	★★★★★
Spanish	★★★★⯪
Portuguese	★★★★★

TRAINING & CERTIFICATIONS

One Month PM

Fundamentals of Product Management

Coursera

Foundations of Project Management

HOBBIES

Dancer (Salsa)

Photographer

Traveller (10+ countries)

Runner

Musician (guitar)

TELMO BARROS

SENIOR SOFTWARE ENGINEER

Senior Fullstack Developer with 6+ years of experience building enterprise-grade applications that solve complex operational challenges. Proven expertise in architecting scalable solutions using Vue/React/TypeScript, Node.js, and PostgreSQL, with a strong focus on code quality, testing, and documentation. Successfully delivered integrations with third-party systems and contributed to technical architecture decisions in collaborative environments. Experience mentoring developers and identifying technical debt solutions to ensure long-term maintainability. Familiar with modern testing frameworks, including end-to-end testing strategies. Seeking opportunities to shape cutting-edge AI-driven solutions in Hamburg's industrial tech sector, where I can contribute to enterprise readiness while working alongside optimisation and AI specialists.

SKILLS

- **Programming Languages**: JavaScript, TypeScript, Python, C#, Bash
- **Frontend**: HTML5, CSS3, React, Vue.js, Svelte, Tailwind
- **Backend**: Node.js, REST APIs, OpenAPI, Docker
- **Database**: PostgreSQL, Redis, MongoDB, MySQL
- **Cloud**: AWS, Azure, Serverless
- **DevOps**: Terraform, GitHub Actions, CI/CD
- **Testing**: Unit Testing, Integration Testing, API Testing, E2E Testing
- **Methodologies**: Agile, Scrum, Clean Code, Security Best Practices

RELEVANT EXPERIENCE

Software Engineer

OnlineFuels Deutschland (Hamburg, 2022-2025)

- Spearheaded the development of new features and led major refactors to improve code quality, maintainability, and overall system performance.
- Strengthened API security by applying industry best practices and ensuring compliance with internal standards.
- Designed and implemented an automated PDF generation system to streamline document workflows and improve operational efficiency.
- Implemented third-party API integrations, contributing to increased deal volume.
- **Technologies:** JavaScript, TypeScript, Python, Vue.js, Express.js, Redis, PostgreSQL, TailwindCSS, AWS, Docker, GitHub Actions, Terraform

Fullstack Developer

Weischer.Media (Hamburg, 2021-2022)

- Delivered new features and maintained a digital content management system, ensuring high reliability and usability
- Improved code quality through code reviews and implementation of unit and integration testing
- Automated deployment workflows, supporting CI/CD best practices and faster release cycles
- Developed backend services and integrated third-party systems via REST API
- **Technologies:** C#.NET, Angular, MySQL, Azure, REST API, Git

IT Consultant

Akka Technologies | Airbus (Hamburg, 2019 - 2020)

- Developed automation tools and internal scripts to support software processes for Airbus engineering teams
- Collaborated with cross-functional technical teams in a high-compliance aerospace environment
- **Technologies:** JavaScript, Python, Bash, Linux

Junior Fullstack Developer

Innowave (Lisbon, 2018-2019)

- Developed user-facing features, improving UI responsiveness and user experience.
- Built backend components to support data processing and system integration workflows.
- **Technologies:** Java, React, JavaScript, Node.js, HTML, CSS