

Merlin Fachetti

Senior Software Engineer with 10+ years of experience delivering and maintaining web applications in production environments. Strong background in fullstack development (TypeScript/Node.js, React, SQL) and in improving system reliability, maintainability and team practices. Currently working in Germany while providing consulting and development for accounting and local business clients, focusing on integrations, automation and operational efficiency. Experience across both technical delivery and team leadership, including mentoring, code review and incident investigation.

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EXPERIENCE

Amazon Fulfillment Technologies & Robotics – Operations & Process Leadership Associate (Mönchengladbach, Germany)

SEPTEMBER 2025 – PRESENT

High-volume logistics environment focused on process reliability, quality standards and real-time operational decision making.

- Operate in a high-volume logistics environment executing standardized processes with strict SLA and quality requirements
- Analyze operational deviations and coordinate corrective actions with cross-functional teams
- Lead shift operations ensuring process adherence, safety compliance and throughput targets
- Train and support new team members following operational procedures
- Develop structured problem-solving and incident-handling discipline in a real-time operational environment

Mikrotax Colonia Steuerberatungsgesellschaft & Other Clients – Independent Fullstack Consultant (Cologne, Germany)

JANUARY 2024 – PRESENT

Providing ongoing development and technical consulting, building internal tools, integrations and workflow automation solutions.

- Designed and implemented internal business dashboards replacing manual spreadsheet workflows
- Automated document processing and financial reporting routines using backend services and scheduled jobs
- Integrated third-party systems and data sources through REST APIs and secure data exchange
- Containerized services with Docker to standardize local and production environments
- Set up deployment workflows using GitHub and CI/CD pipelines
- Investigated operational issues reported by staff and delivered corrective fixes
- Produced technical documentation and trained non-technical users to operate internal tools independently
- Provided infrastructure and environment setup, including secure access and local integrations

SKILLS

Core Stack:

JavaScript, TypeScript, Node.js, React.js, SQL

Backend & APIs:

REST APIs, authentication flows, data validation, background jobs, integrations

Databases & Data Handling:

PostgreSQL, MySQL, relational modeling, indexing, transactions, data integrity

DevOps & Cloud:

Docker, CI/CD pipelines, GitHub Actions, AWS (EC2, S3, RDS), environment configuration

System Reliability:

Log Analysis, Debugging, error handling, Incident Investigation, Performance Troubleshooting, Root Cause Analysis

Leadership & Collaboration:

Code Review, Mentoring, 1:1 Feedback, Stakeholder Communication, Technical Planning

Loft — Engineering Manager (São Paulo, Brazil)

APRIL 2022 - DECEMBER 2023

Leading a product engineering team responsible for feature delivery, technical direction and adoption of engineering best practices.

- *Led a product engineering team, coordinating delivery planning and execution with product stakeholders*
- *Conducted regular 1:1 meetings to support developer growth, unblock work and track progress*
- *Established engineering practices including code review routines, testing discipline and clear documentation*
- *Improved collaboration between product, design and engineering through structured communication*
- *Supported architectural decisions and technical prioritization within the roadmap*
- *Managed incident discussions and post-incident follow-ups with the team*
- *Mentored engineers on debugging strategies, maintainability and software design decisions*

LANGUAGES

- Portuguese (Native)
- English (Full Professional)
- German (Working proficiency)

Credihome — Tech Lead, Chapter Front-end (São Paulo, Brazil)

AUGUST 2021 - MARCH 2022

Providing technical leadership, mentoring and standards across multiple frontend teams, coordinating architectural decisions and code quality practices.

- Provided technical guidance across multiple frontend teams and shared code standards
- Reviewed pull requests focusing on maintainability, consistency and long-term stability
- Helped teams diagnose production issues and identify root causes
- Supported adoption of shared components and reusable architecture patterns
- Mentored developers and supported onboarding of new team members
- Facilitated communication between teams to reduce duplicated solutions and technical divergence

Eletromidia — Lead Front-end Engineer (São Paulo, Brazil)

JANUARY 2021 - JULY 2021

Developing and delivering customer-facing applications in a digital media environment, coordinating stakeholders and improving delivery workflow.

- Developed and maintained customer-facing web applications used in a production environment
- Coordinated technical delivery with product managers and non-technical stakeholders
- Investigated and fixed production issues affecting users and internal teams
- Organized development workflow and release preparation
- Improved communication between business and engineering during feature delivery
- Assisted teammates with debugging and implementation decisions

Youse by Caixa Seguradora — Senior Frontend Engineer (São Paulo, Brazil)

SEPTEMBER 2017 - DECEMBER 2020

Building and maintaining large-scale production web applications in an insurtech environment with focus on performance, usability and reliability.

- Built and maintained production web applications and internal dashboards
- Implemented new features and refactored legacy code to improve maintainability
- Investigated production bugs and supported incident resolution
- Collaborated with backend teams to integrate APIs and data flows
- Participated in code reviews and knowledge sharing sessions
- Addressed performance and usability issues reported by users
- Supported releases and monitored post-deployment behavior

Early Career & Additional Experience (São Paulo, Brazil)

JANUARY 2010 - AUGUST 2017

Early career experience across design and software support roles, including graphic design, UX/UI collaboration and initial web development using PHP and JavaScript. Transitioned to full-time software engineering in 2012, focusing on backend and web application development.

EDUCATION

B.Sc. Computer Science — MACKENZIE UNIVERSITY

(JANUARY 2015 - DECEMBER 2019)

B.A. Industrial Design — MACKENZIE UNIVERSITY

(JANUARY 2005 - DECEMBER 2009)

FullCycle Advanced Program (ongoing) — System Design, Microservices, DevSecOps (AUGUST 2025)

ETE CARLOS DE CAMPOS, São Paulo, Brazil — Apprenticeship: Graphic Design (AUGUST 2005 - DECEMBER 2006)

SANTANA HIGH, São Paulo, Brazil — Apprenticeship: Computer Infrastructure (JANUARY 2000 - DECEMBER 2002)