

Matheus Aveiro

Software Engineer | Full-Stack Engineer

Contact

- **Balneário Camboriú, Brazil** | Open to Remote International Opportunities
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Professional Summary

Mid-Level Software Engineer with professional experience building and maintaining production web applications and public-sector systems. I work across frontend and backend development using **React, TypeScript, JavaScript, PHP/Laminas**, and **PostgreSQL**, with hands-on experience in **Docker, CI/CD**, automated testing, **REST APIs**, and legacy system modernization. I also contribute to technical standards, project structure, deployment workflows, and technical guidance for frontend developers. Currently pursuing a Bachelor's degree in Software Engineering and open to international remote opportunities.

Technical Skills

- **Languages:** JavaScript, TypeScript, PHP, Python, SQL
- **Frontend:** React, Next.js, AngularJS, Vue.js, Tailwind CSS, Bootstrap
- **Backend:** PHP/Laminas, Django, Node.js, REST APIs
- **Data:** PostgreSQL, MySQL
- **ORM / Data Access:** Prisma
- **DevOps & Tools:** Docker, GitHub Actions, Jenkins, Git, Linux
- **Testing:** Jest, React Testing Library, Cypress, pytest
- **Practices:** CI/CD, automated testing, multi-tenant applications, API integration, legacy system modernization

Professional Experience

BRD Soluções em Tecnologia - Allocated to the Technology Department, City of Itajaí

Mid-Level Software Engineer | Aug 2025 - Present

- Develop and maintain production applications using **React, TypeScript/JavaScript, PHP with Zend/Laminas, PostgreSQL, AngularJS**, and **Bootstrap**.
- Contribute across frontend, backend, business logic, relational databases, and system integrations in both modern and legacy applications.
- Contribute to the architectural evolution of **SIGIC**, a disaster-management platform, including multi-tenant architecture, role-based permissions, file management, search, data tables, and operational workflows.
- Implement and maintain **Docker-based environments** and **CI/CD pipelines** across development, QA, and production.
- Implement and maintain automated testing, linting, repository standards, and code-quality practices.
- Provide technical guidance to frontend developers and contribute to technology choices and engineering standards.
- Collaborate with stakeholders to translate public-sector operational requirements into production software.

Junior Software Developer | Dec 2024 - Aug 2025

- Developed and maintained public-sector web applications using **React, JavaScript, PHP, AngularJS, WordPress, Bootstrap, HTML**, and **CSS**.
- Contributed to requirements analysis, UI development, legacy system maintenance, testing, production support, and bug fixing.
- Worked on performance, responsiveness, accessibility, and public-facing service portals.
- Expanded from frontend-focused responsibilities into backend development and technical project organization, contributing to my promotion to Mid-Level Software Engineer.

COC | Plataforma de Educação (Colégio Aster)

IT Support Technician | Jul 2023 - Dec 2024

- Provided technical support for users, computers, networks, and educational systems.
 - Maintained hardware and software and supported the institution's academic systems and website.
 - Troubleshoot day-to-day infrastructure and application issues in an educational environment.
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Selected Projects

Municipal Multi-Tenant Portal Platform - City of Itajaí

Link: itajai.sc.gov.br

React · TypeScript · Vite · Tailwind CSS · Axios · Zod · Docker · Nginx

Acted as the technical owner for the creation of a unified multi-tenant frontend platform serving multiple municipal portals from a single React/Vite codebase. The application dynamically adapts branding, SEO, API endpoints, and feature availability per tenant. Led the frontend architecture, CMS API integration, runtime validation, accessibility, dynamic SEO, legacy routing compatibility, and Docker/Nginx production deployment.

SIGIC - Disaster Management System

Link: sigic.itajai.sc.gov.br

React · TypeScript/JavaScript · PHP/Laminas · PostgreSQL · Docker · CI/CD

Acted as the main technical contributor for the architectural evolution and refactoring of a municipal disaster-management platform, including multi-tenancy, authorization, file handling, search, data tables, and operational workflows. Also contributed to development standards, repository organization, and deployment processes.

REPS - Box Management SaaS

Link: reps.app.br

Next.js · React · TypeScript · Tailwind CSS · Prisma · PostgreSQL/Neon · Clerk

Designed and developed a SaaS product for CrossFit box management, working across product definition, application architecture, data modeling, frontend, and backend development.

Civil Defense / Incident Dashboard

Link: defesacivil.itajai.sc.gov.br

React · TypeScript/JavaScript · PHP/Laminas · PostgreSQL · REST APIs

Contributed to an operational dashboard for public-sector incident and civil-defense workflows, supporting data visualization, search, authorization, and structured access to municipal response information.

Education

- Bachelor's Degree in Software Engineering | UNINTER | Aug 2024 - Present
 - Full Stack Python Developer | EBAC | Jul 2023 - Jul 2024
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Languages

- Portuguese: Native
- English: Professional working proficiency
- EF English Live: CEFR B1 Intermediate Certificate | Mar 2025