Arthur Iques de Oliveira Fernandes

Full Stack Developer | TypeScript · React · Vue.js · Node.js · PostgreSQL

Manaus, Brazil · Remote (UTC-4) · +55 92 98403-5666 · arthuriquesconta1@gmail.com · linkedin.com/in/arthuriques · github.com/codebyarths

Summary

Full Stack Developer with nearly 4 years building healthcare software. Currently building a clinic management platform used by 7+ clinics (React, Node.js, PostgreSQL, Docker). Built AI-powered hospital systems, including the inpatient module of an internationally awarded AI platform and a Google Gemini-powered quotation system. Experienced with health data privacy (LGPD). Fluent in English (C1).

Skills

Front-End: React, Vue.js, TypeScript, JavaScript, HTML5, CSS3, Vite, Tailwind CSS, TanStack Query, Zod, Capacitor
Back-End: Node.js, Express, Fastify, REST APIs, Server-Sent Events, JWT, Drizzle ORM, Python
Data & DevOps: PostgreSQL, Oracle, Docker, Docker Compose, CI/CD, Git, GitLab
AI & Automation: Google Gemini, LLM Integration, RPA (Playwright)

Experience

Full Stack Developer | Pró-Saúde · **Sep 2026 – Present**

- Develop a clinic management platform used by 7+ clinics, working across architecture, back-end, front-end and DevOps.
- Built 4 React and TypeScript apps: staff system, patient portal, real-time call display (SSE) and self-service check-in kiosk (Capacitor).
- Built the Node.js/Express API with PostgreSQL, Drizzle ORM and JWT auth, plus Python (Playwright) bots that migrate data from the legacy system.
- Integrating the platform with laboratory systems; deploy all services with Docker.

Full Stack Developer | Samel Health Tech · **Apr 2025 – Sep 2026**

- Built the inpatient and ICU monitoring modules of SAMIA, an internationally awarded AI platform that analyzes inpatient medical records to generate alerts for serious complications and drug interactions.
- Built Opmia, a Google Gemini-powered OPME surgical supply quotation platform used by multiple suppliers to submit quotes for hospital purchases; the AI recommends the most cost-effective option and checks whether each request fits the surgery.
- Built Samel HR Inventory end to end and implemented CI/CD pipelines to automate deployments.

Front-End Developer | Samel Health Tech · **Nov 2022 – Apr 2025**

- Developed the front-end of core hospital systems: electronic health records (EHR), inpatient admission management and financial monitoring.
- Built component-based Vue.js and TypeScript interfaces integrated with REST APIs, validated with business teams through rapid prototyping.

Education & Languages

B.Sc. in Computer Science, Uninorte · Expected Dec 2026
Portuguese (Native) · English (Advanced, C1)