

Gabriel Santos Cardoso

Software Engineer — Backend, Blockchain & Cloud

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SUMMARY

Software Engineer with 5+ years building production systems for blockchain, fintech, telecommunications and cybersecurity companies. I work end to end — from architecture and backend services in Go, Node.js, PHP and Java to frontends in Vue, React and Angular — and have led product modules as both engineer and Product Owner. Used to distributed, multicultural and asynchronous teams, with a strong focus on security, automated testing and CI/CD.

CORE SKILLS

Languages: Go, TypeScript, PHP, Python, Java (17–23), Solidity, Rust

Backend: Gin, Fiber, NestJS, Node.js, Laravel, Symfony, Spring, Flask, RabbitMQ

Frontend: Vue / Nuxt, React / Next.js, Angular, TailwindCSS, Pinia, Zustand, Vite

Blockchain: Hyperledger Fabric, Besu, Cacti, Paladin, Ethereum, Foundry, Hardhat, ZKP

Data: PostgreSQL, MySQL, MariaDB, SQLite, MongoDB, Redis, Prisma, Sequelize

Cloud & DevOps: AWS, GCP, Docker, Docker Swarm, Terraform, NGINX, GitHub Actions, CI/CD

Practices: Scrum, Kanban, XP, Clean Code, unit / integration / E2E testing (Jest, Pest, PHPUnit, Playwright), technical leadership

EXPERIENCE

Blockchain Developer — GoLedger

Aug 2025 – Present

- Build decentralised systems on Hyperledger Fabric and Besu, from network architecture through to production deployment.
- Delivered the Sustainability Articles Platform for Caixa Econômica Federal, connecting on-chain records to Pix payments to fund environmental initiatives.
- Built digital identity and biometric document-control systems, plus Zero-Knowledge Proof pilots for privacy-preserving verification.
- Ongoing involvement in monitoring and maintenance of internal projects.

Stack: Go, Node.js, React, PostgreSQL, Hyperledger Fabric, Besu, Foundry, Hardhat, ZKP

Data Developer — Indico

Jun 2025 – Present

- Deliver end-to-end solutions for global brands including Lindt, Galderma, JSL and Ancar, from technical specification to release.
- Build and maintain APIs and applications with Go (Fiber), Python (Flask) and Angular frontends.
- Design and operate loyalty ecosystems, using advanced SQL analysis on PostgreSQL, MySQL and other databases to support product and business decisions.
- Integrate strategic partner platforms and run secure, scalable workloads on Google Cloud Platform for web and mobile products.

Stack: Go, Fiber, Python, Flask, Angular, TailwindCSS, Material UI, GCP, PostgreSQL, MySQL, SQL Server

Full Stack Developer — Merchion

Mar 2025 – Aug 2025

- Modernised legacy infrastructure into scalable microservices architectures for clients such as Perto and Zuki.
- Delivered full-stack features across Angular, Next.js and Nuxt on the frontend and Go, Java (Spring Boot) and NestJS on the backend.
- Operated containerised environments with Docker Swarm, NGINX and RabbitMQ, and deployed event-driven, serverless workloads on AWS.
- Established testing, documentation and compliance standards that improved product quality and shortened onboarding.

Stack: Go, Java, Spring Boot, NestJS, Angular, Next.js, Nuxt, Docker Swarm, RabbitMQ, AWS, PostgreSQL, Redis

Full Stack Developer — Fone Ninja

May 2024 – Apr 2025

- Owned the Technical Assistance module as engineer and Product Owner, leading technical decisions and discovery with clients and stakeholders.
- Shipped work-order improvements, per-store service management, electronic checklists and a configurable Kanban board for visual tracking.
- Built the payments and subscriptions module with Stripe, enabling fully customisable subscription plans.

- Refactored UI/UX and performance of core pages (Sales, Purchases, Products, Dashboard) and integrated PlugSign, ClickUp and CMS tools.

Stack: Vue.js, Pinia, Vite, PrimeVue, TailwindCSS, Laravel, PHP, MySQL, Redis, Docker, NGINX, AWS

Full Stack Developer — DefSafe

Mar 2024 – May 2024

- Implemented social authentication with AWS Cognito and OIDC providers (Google, LinkedIn, Microsoft Azure).
- Built corporate Single Sign-On over SAML, integrating Google Workspace and Microsoft Entra ID to meet enterprise security and compliance requirements.
- Improved core application performance by tuning Pinia state management and Nuxt rendering modes, working alongside QA on stability.

Stack: Vue.js, Nuxt, Nitro, Pinia, TypeScript, Prisma, Supabase, PostgreSQL, AWS (Cognito, Lambda, SES, Amplify)

Full Stack Developer — Dacxi Chain

Jan 2023 – Apr 2024

- Prototyped the Dacxi Chain MVP: Go internal API integrated with Solidity smart contracts, NestJS public API, and a Svelte + Firebase frontend.
- Built the production application in Vue.js and Laravel, covering REST API, design-system components and complete user flows with accessibility and performance in mind; documented the API with OpenAPI.
- Set up CI/CD with GitHub Actions (AWS for production, DigitalOcean for staging) and wrote unit, integration and E2E suites that kept regressions low.
- Delivered the operations team's admin panel with Laravel Nova.

Stack: Vue.js, Pinia, TypeScript, Laravel, PHP, Go, NestJS, Solidity, MySQL, Redis, Docker, Playwright, Jest, Pest, GitHub Actions, AWS, DigitalOcean

Full Stack Developer — Wealth99

Apr 2022 – Apr 2024

- Led the rebranding and re-architecture of a whitelabel investment platform, migrating Vue 2 to Vue 3, Webpack to Vite, and introducing TypeScript.
- Built financial charts, transaction history, buy/sell asset flows and an interactive portfolio dashboard.
- Optimised customer wallet operations and asynchronous service-order processing in the REST API, improving transaction speed.
- Integrated ERC-20 tokens (BAT, NEAR, EOS, MKR, SAND, ALGO, UNI) and maintained self-hosted Ethereum (Geth), Bitcoin, Litecoin and Bitcoin Cash nodes; contributed to Solidity smart-contract audits for DACXI token transactions.

Stack: Vue.js, Vuex, Pinia, Vite, TypeScript, Laravel, PHP, Laravel Nova, MongoDB, MySQL, Redis, Docker, PHPUnit, Mixpanel, HubSpot

EARLIER EXPERIENCE

Full Stack Developer, Xenara AI — May 2025. Designed, developed and tested platform features with Next.js, NestJS, TypeScript and MongoDB.

Full Stack Developer, Universidade Federal do Pará (UFPA) — Sep 2021 – Sep 2022. Maintained UFPA's institutional repositories (RIUFPA, BDM, Livro Aberto), migrated the Patent Repository (RIPAT) from DSpace 6 to 7, and automated server routines and backups with Python, Cron and SSH. Built internal systems for the Central Library and maintained institutional WordPress sites.

EDUCATION

MBA, Information Technology Administration and Management — Anhanguera Educacional, 2025

Postgraduate Specialisation, Software Architecture — Anhanguera Educacional, 2024 – 2025

Postgraduate Specialisation, Software Engineering — UniFECAF, 2021 – 2022

BSc, Information Systems — Universidade Federal do Pará (UFPA), 2021 – in progress

BTech, Supply Chain and Logistics Management — UNIP, 2019 – 2021

LANGUAGES

Portuguese — Native · **English** — Professional working proficiency · **Spanish** — Elementary