Matheus Cortes

SOFTWARE ENGINEER IN TRAINING

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OBJECTIVE

An internship in software development or cybersecurity, to apply what I have already delivered in published websites and systems and keep learning from an experienced team.

EDUCATION

Software Engineering · Universidade Vila Velha (UVV) — 2026 – present · 2nd semester

Algorithms, data structures, networks and systems fundamentals.

EXPERIENCE

Web development · Morro Alto – Creative Office — May–Oct 2026 · Part-time

Vila Velha, ES · On-site

- Built the agency's internal system with TanStack Start, React, TypeScript and Supabase, with role-based permissions and row-level access rules: content tasks, finance, video meetings, satisfaction surveys and an AI assistant, in daily use by the team.
- Brasigran Granitos training portal with Next.js, PostgreSQL and Drizzle ORM, JWT authentication, bcrypt-hashed passwords and a five-language interface, running in Docker containers on a VPS and used by employees.
- New Hana Decor home page in HTML, CSS and JavaScript, replacing the WordPress site without breaking the quote funnel; tests in Node and Playwright and deployment in Docker on a VPS (live since Sep 2026).
- Bilingual corporate website for São Jorge Group with Next.js, GSAP and Lenis, featuring a scroll-driven canvas frame sequence (saojorge.group).

PROJECTS

- **Solvered** (2024–2026): Online store in Next.js and TypeScript with catalogue, cart, bcrypt-hashed accounts, JWT sessions and SQLite.
- **Arca Project** (2026): Animal protection platform with a React front-end and a FastAPI (Python) API with SQLite, published.
- **Dr. Jânia Scardua** (2026): Patient acquisition site in HTML, CSS and JavaScript, with local SEO and the source of every contact recorded.
- **Token Generator and Vault** (2026): Python command-line tool that generates tokens with the secrets module and keeps them in a password-protected vault.
- **Mini sumo robot** (2026): Autonomous mini sumo robot (InovaWeek UVV): C++ firmware for ESP32, modelling and an assembly manual.

CERTIFICATIONS

- **Cybersecurity: Information Security and Cyber Attacks** · Universidade de São Paulo
- **Google AI Professional Certificate** · Google
- **Introduction to Cybersecurity** · Cisco Networking Academy
- **Linux Fundamentals** · FIAP
- **Introduction to Git and GitHub** · FGV Online

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, C++, SQL, HTML, CSS
Front-end	React, Next.js, Tailwind CSS
Back-end and data	Node.js, FastAPI, PostgreSQL, SQLite, Drizzle ORM
Security and networking	Linux, TCP/IP networking, OSI model, DNS, HTTP, Nmap, Burp Suite, TryHackMe
Tools and quality	Git, GitHub, Docker, Vitest, Playwright, ESP32