Matheus Machado

Full Stack Developer

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SUMMARY

Full stack developer working in technology since 2022. I build complete web applications, from the front end (React, Next.js, TypeScript) to the back end and database (Node.js, Fastify, Python, PostgreSQL), with payment integrations, automation, web scraping and AI-powered WhatsApp support. I work from requirements gathering to deployment and production maintenance.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Independent (freelance) Apr 2026 to present

Web systems for businesses, from requirements gathering to deployment and production support.

- **Abdou's Barber** (subscription barbershop): management system with per-barber scheduling, recurring subscription billing, online store, tabs, cash register and finance; AI WhatsApp assistant that books appointments, sells products and sends payment links. Next.js, TypeScript, Fastify, Prisma, PostgreSQL.
- **Tô na Porta** (food delivery): marketplace with customer, store and courier apps; Pix and card payments via Mercado Pago with automatic commission split; real-time orders over WebSocket and push notifications; mobile app with Capacitor. Next.js, Fastify, Prisma, PostgreSQL.
- **Psy Trekking** (travel agency): website in 4 languages with tours and bookings, guide finance dashboard and WhatsApp lead capture; mobile Lighthouse between 93 and 100. Next.js, Fastify, PostgreSQL.
- **Casa Cheia** (gift registry): application with AI-generated scenes, admin dashboard and automated emails. Astro, SolidJS, Netlify Functions, Gemini API, Resend.
- Infrastructure on a Linux VPS with Docker and Coolify, continuous deployment from GitHub and mobile builds on GitHub Actions.

Junior Full Stack Developer | Ridolfinvest Dec 2024 to Apr 2026

- Grew a certificate automation into an internal tools hub, with authentication and session control.
- Automated forms with login, 2FA and per-user sessions: the workflow dropped from about 15 to 5 minutes.
- Bots and integrations with Brazilian courts, with OCR value extraction and cookie, token and session handling.
- Document generator with templates, variable extraction and version history.
- Document scanning and recovery that recovers more than 300 opportunities per week.

Software Development Intern | Ridolfinvest Mar 2024 to Dec 2024

- Automation, data scraping and integrations with Python and SQL; hired as a developer after nine months.

IT Apprentice | Totale Tecnologia 2022 to 2024

- Hardware maintenance, software installation and configuration, and user support in a corporate environment.

EDUCATION

MBA in Software Engineering | University of São Paulo (USP/ESALQ) Nov 2025 to present

Associate degree in Systems Analysis and Development | FIAP Completed 2024

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, SQL, HTML, CSS
Front end	React, Next.js, Astro, SolidJS, Tailwind CSS, Capacitor (Android and iOS)
Back end and data	Node.js, Fastify, Prisma, PostgreSQL, REST APIs, WebSocket
Infra and DevOps	Docker, Coolify, Linux VPS, Netlify, Git, GitHub, GitHub Actions
Integrations	Mercado Pago, PagBank, WhatsApp, generative AI (Gemini), Resend, OCR, web scraping
Tools	Figma, Power BI

LANGUAGES

Portuguese: native; English: developing.

ADDITIONAL TRAINING

29 certified courses from Alura, 222 hours in total, from 2023 to 2026. Certificates available at matheus-machado-dev.com.br.

Front end (13 courses, 110 h)

React: building with JavaScript	14 h
HTML and CSS: mobile-first responsiveness	12 h
JavaScript for the Web: dynamic pages	10 h
JavaScript: exploring the language	10 h
JavaScript: form validation	8 h
HTML and CSS: dev environment, file structure and tags	8 h
HTML and CSS: classes, positioning and Flexbox	8 h
HTML and CSS: practice	8 h
Bootstrap 5: responsive landing page	8 h
JavaScript: DOM manipulation	6 h
HTML and CSS: header, footer and CSS variables	6 h
HTML and CSS: responsiveness and publishing	6 h
Bootstrap 5: new features and HTML, CSS and JS best practices	6 h

Python and back end (7 courses, 30 h)

Python: your first application	8 h
Python: object-oriented programming	6 h
Python practice: working with projects	4 h
Python practice: lists and tuples	4 h
Python practice: functions	4 h
Python practice: for and while loops	2 h
Python practice: if, elif and else	2 h

Interface design (4 courses, 38 h)

Figma: getting to know the tool	10 h
Figma: interface components	10 h
Figma: building a mobile site layout	10 h
Figma: components, auto layout and masks	8 h

Fundamentals, data and tools (5 courses, 44 h)

Computational thinking: computing fundamentals and programming logic	12 h
Git and GitHub: sharing and collaborating on projects	8 h
Power BI Desktop: building my first dashboard	8 h
Excel: mastering spreadsheets	8 h
Excel functions: math operations and filters	8 h