

ALEXANDRE SPINDOLA

Full Stack Developer | System Integration & Automation



CONTACT INFORMATION

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PROFESSIONAL SUMMARY

Full Stack Developer with a Software Engineering MBA specializing in building high-performance web applications and architecting complex data integration solutions. Expertise lies in creating tangible business value by developing end-to-end systems, from dynamic frontends with Astro, Vue.js, and Nuxt.js to a versatile backend stack including Node.js, Deno, n8n for automation, and Supabase/PostgreSQL for data. As a Google Associate Cloud Engineer (GCP) with a unique background in Psychology, bridges the gap between complex technical requirements and strategic business objectives. Currently expanding expertise into Rust for high-performance backend services and WebAssembly integration for frontend optimization, alongside SurrealDB for next-generation data solutions, while actively learning German. Based in Cologne with full EU work authorization and immediate availability for remote, hybrid, or on-site roles.

CORE TECHNICAL SKILLS

- Programming Languages: TypeScript, JavaScript (ES6+), SQL, Bash, learning Rust (systems programming and WebAssembly compilation)
- Frontend: Astro, Vue.js, Nuxt.js, HTML5, CSS3, Tailwind CSS, React, Flutter, learning WebAssembly (Rust-compiled modules for frontend performance optimization)
- Backend: Node.js, Deno, Bun, Hono, Express.js, REST APIs, GraphQL
- Databases & Data Layers: PostgreSQL, Supabase, Redis, MongoDB, MySQL, learning SurrealDB
- Automation & Integration: n8n, Event-Driven Architecture, Business Process Automation, Mailgun
- Content Management: Strapi (Headless CMS), API-driven content delivery
- Cloud & DevOps: Google Cloud Platform (Certified), Docker, CI/CD, AWS, Hetzner, DigitalOcean
- AI Integration: Google Gemini AI, AI Workflow Automation, Prompt Engineering
- Key Soft Skills: Strategic Problem-Solving, Systems Thinking, Stakeholder Management, Empathetic Communication, Adaptability.

EXPERIENCE

Integration Specialist & Full-Stack Developer | Poropo (Partner) | Remote | Jan 2025 – Present

- Architected and implemented complex integration workflows connecting e-commerce platforms with ERP systems (Hoded).
- Developed custom web applications and advanced n8n nodes, creating event-driven patterns with Supabase.
- Optimized data synchronization processes in collaboration with stakeholders, significantly reducing manual data entry and resolving critical technical issues.

Full-Stack & Automation Developer | Titans Dev | Remote | Oct 2024 – Present

- Architected and built custom backend services and dynamic frontends for client projects, enabling real-time data flow and enhanced operational efficiency.

Freelance Web Developer & Consultant | Self-Employed | Remote | Oct 2022 – Jan 2025

- Developed and maintained high-performance, responsive, and SEO-optimized websites, enhancing site functionality with custom HTML, CSS, and JavaScript.

KEY PROJECTS

Enterprise E-commerce Integration Platform | 2024 – Present

- Challenge: Resolved critical data inconsistencies for a business operating across multiple e-commerce platforms (Magento 2, Shopify) and an ERP.
- Solution: Architected an event-driven integration platform that ensures real-time, bidirectional synchronization of inventory, orders, and product data, eliminating manual data entry and preventing overselling.
- Technologies: n8n, PostgreSQL, Supabase, Nuxt.js, Redis, Docker.

AI-Powered Multilingual Content Automation | 2024 – Present

- Challenge: Overcame the language barrier for a global audience needing access to a vast collection of scholarly manuscripts.
- Solution: Engineered an intelligent platform that automates the content translation and localization process for over 100 languages using AI, drastically reducing manual workflows.
- Technologies: Astro, Strapi, n8n, Google Gemini AI.

Job Tracker Deutschland (Personal Project) | 2024

- Challenge: Addressed the fragmented German tech job market.
- Solution: Developed a full-stack platform that aggregates opportunities from the German Federal Employment Agency into a single, intuitive interface with advanced search filters.
- Technologies: React, TypeScript, Hono, Bun, Railway, Netlify.

EDUCATION CERTIFICATIONS

- MBA Software Engineering | USP, Brazil | 2025
- GitHub Foundations | GitHub | 2025
- Google Associate Cloud Engineer | Google Cloud | 2024
- Bachelor in Psychology | USP, Brazil | 2014

LANGUAGES

- Portuguese: Native
- Spanish: Fluent
- English: Proficient
- Italian: Conversational
- German: Beginner (Actively Learning)

DRIVER'S LICENSES

- B

WORK AUTHORIZATION

EU Citizen (Spanish nationality). Permanently based in Köln, Germany. Immediately available for remote, hybrid, on-site, and other professional opportunities, with no visa sponsorship requirements.