

# ALEXANDRE BORGES SPINDOLA

**Software Engineer | Full-Stack & Automation Specialist | MBA**  
**Germany (NRW, Open to Relocation)**



## CONTACT INFORMATION

- Cologne, Germany | EU Citizen (Spanish) – No Visa Required
- Phone: +34 675 460 731 | Email: alexandre@spindola.me
- LinkedIn: linkedin.com/in/alexspindola | github.com/alexandrespindola
- Availability: Immediate start | Open to On-site, Remote & Hybrid roles
- Driving License: European Class B (Valid for all passenger vehicles)

## PROFESSIONAL SUMMARY

Software Engineer with an MBA in Software Engineering (USP) and 3+ years of Full-Stack experience. Combines academic knowledge of enterprise architecture (Java/Spring background) with practical expertise in the modern JavaScript ecosystem (Node.js, Vue).

Currently developing scalable applications using NestJS and Angular, with a strong focus on Process Automation (n8n) and Cloud Infrastructure (GCP Certified). Focused on bridging the gap between technical implementation and business requirements, working effectively in both autonomous and collaborative team environments.

## CORE TECHNICAL SKILLS & COMPETENCIES

- Languages & Foundations: TypeScript, JavaScript (ES6+), Java, Python, SQL, Bash, Go (Basic).
- Backend: NestJS (Current Focus), Node.js, Spring Boot, Bun, Deno, Hono, Fastify, Django, Laravel, gRPC, WebSockets, RabbitMQ, BullMQ, REST APIs, GraphQL, Swagger/OpenAPI.
- Frontend: Angular (Enterprise Focus), Vue.js / Nuxt.js, React, Astro, Tailwind CSS, Sass/SCSS, HTML5.
- Database & Data: PostgreSQL, MySQL, Supabase, Firebase, Redis, Prisma, Drizzle ORM.
- Cloud Platforms: Google Cloud Platform (Associate Cloud Engineer), AWS, Cloudflare.
- Infrastructure & DevOps: Docker, Hetzner, DigitalOcean, Coolify, CI/CD, Linux (Fedora, Ubuntu).
- Automation & Integration: n8n, Event-Driven Architecture, Business Process Automation, Webhooks, Google Gemini/OpenAI API Integration.
- Engineering Practices: Microservices, Clean Architecture, Design Patterns, Agile/Scrum, Automated Testing (Vitest/Playwright).

## PROFESSIONAL EXPERIENCE

### **Software Engineer (Full-Stack & Integration) Poropo | Remote (Europe) | Jan 2025 – Present**

- Integration Architecture: Developing a middleware using NestJS and Angular to sync data between Magento 2 and Holded ERP, ensuring type safety with TypeScript.
- Product Development: Building a cross-platform solution featuring an Admin Dashboard (Svelte) and Client App (FlutterFlow), unified by a scalable Firebase backend.
- Automation: Orchestrating complex business logic using n8n workflows to reduce manual tasks.

### **Full-Stack Developer Titans Dev | Remote | Oct 2024 – Aug 2025**

- Built responsive web applications using Vue.js and Nuxt.js backed by Node.js services.
- Acted as the primary technical point of contact for bug fixes and feature requirements.

### **Freelance Web Developer & Consultant | Self-Employed | Remote | Dec 2022 – Jan 2025**

- Delivered 10+ web solutions for SMBs, specializing in CMS customization, Headless architectures (Strapi, Directus), and e-commerce integrations.
- Managed hosting infrastructure (Linux/VPS), DNS configurations, and migrations to ensure high availability.
- Optimized site performance (Core Web Vitals) and SEO through code refactoring, caching strategies, and asset optimization.

## **Digital Operations & Data Analyst Banrisul (State Bank) | Brazil | Feb 2019 – Jun 2020**

- Processed large datasets via SQL/Excel to generate ROI reports for digital marketing operations.
- Liaised with IT teams to implement tracking pixels (GTM) and troubleshoot data collection errors.

## **KEY PROJECTS**

### **Enterprise Resource Integration System (Current Focus)**

- Tech Stack: NestJS, Angular, TypeScript, n8n, Docker, PostgreSQL.
- Scope: Engineering a real-time data synchronization engine connecting high-volume e-commerce (Magento 2/Shopify) with financial ERPs (Hoded).
- Engineering contribution: Developing a NestJS API to handle complex data mapping and validation, coupled with an Angular frontend for error handling and system monitoring.
- Business Value: Automated 90% of inventory and order processing, eliminating manual entry errors.

### **Event Management & Logistics System (European Congress)**

- Tech Stack: Cloudflare Workers, Hono, Nuxt.js, PostgreSQL.
- Scope: Built a high-performance platform for a conference with 1000+ attendees, handling registration, payments, and logistics via a custom Admin Dashboard.

### **AI-Powered Content Workflow Automation**

- Tech Stack: Google Gemini AI, n8n, Strapi CMS.
- Scope: Developed an automated publishing pipeline scaling content translation to 100+ languages via APIs, reducing content time-to-market by 70%.

## **EDUCATION**

• **Postgraduate Specialization in Full-Stack Development | Descomplica College | In Progress (Expected 2026):** *Core Stack: Angular, Java, Spring Boot, Kotlin, Microservices Architecture. (Providing the architectural foundation applied in current NestJS projects).*

• **MBA in Software Engineering | University of São Paulo (USP) | 2023 - 2025:** *Focus: Software Architecture, Agile Methodologies, System Design, DevOps, Cloud Computing.*

• **Bachelor in Psychology | University of São Paulo (USP) | 2008 - 2014**

• **Awards:** Intel ISEF & MOSTRATEC (2005–2007)

Recipient of multiple international awards for Technological Research and Innovation, demonstrating early aptitude for scientific engineering.

## **LANGUAGES**

- **English:** Professional Working Proficiency (B2)
- **Spanish:** Fluent (C1) - EU Citizenship Language
- **Portuguese:** Native
- **German:** Beginner (A1) - Actively enrolled in language courses
- **Italian:** Conversational (B1)