

ALEXANDRE BORGES SPINDOLA

Ostlandstraße 56, 50858 Cologne, Germany (Open to relocation) | **Date of Birth:** 19.11.1988

Mobile: +34 642 887 239 | **Email:** alexandre@spindola.me

Nationality: Spanish (EU Citizen) | **Availability:** 2 weeks notice | **Portfolio:** spindola.me

LinkedIn: linkedin.com/in/alexspindola | **GitHub:** github.com/alexandrespindola



WORK EXPERIENCE

Senior Software Automation Engineer

03.2026 - Present

German Real Estate Software SME | Germany, Remote

- Built and maintained complex n8n workflows for operational process automation
- Implemented browser automation using Puppeteer: automated logins, form interactions, file downloads
- Developed AI-powered workflows with LLM integrations: classification, data extraction, text processing
- Integrated external APIs (REST, Webhooks) with OAuth2 and token handling
- Created modular sub-workflows and custom code nodes (JavaScript/Node.js)
- Implemented logging, monitoring and retry mechanisms for robust automation

Full-Stack & AI Automation Engineer

01.2025 - 03.2026

Poropo | Spain, Remote

- Built merchant-facing e-commerce infrastructure: NestJS middleware integrating Magento 2, Shopify and Holded ERP, directly impacting inventory accuracy and order flow for online merchants
- Database architecture with PostgreSQL/Drizzle ORM and asynchronous processing (BullMQ/Redis)
- RESTful API development with Fastify achieving >80% test coverage
- Cross-platform delivery: Designed and implemented an admin dashboard in Svelte and a client-facing app in Flutter, both backed by a scalable Firebase backend.
- AI integrations with n8n: automated workflows, LLM agents and workflow orchestration

Full-Stack Developer Node.js (Frontend-Focused)

10.2023 - 12.2024

TitansDev | Spain, Remote

- Frontend development: Built responsive web applications using Vue.js, Nuxt.js and Astro
- Backend & data layer: Managed Node.js backend services and databases, ensuring high availability, data integrity and secure API communication for client projects.
- Developed Vue.js/Nuxt.js testing suites and component debugging strategies.

Freelance Web Developer & Consultant

12.2021 - 09.2023

Self-Employed | Brazil, Remote

- End-to-end delivery: Delivered 10+ web projects for international clients.
- Performance & SEO: Optimized websites for Core Web Vitals and page speed.
- CMS enablement: Customized WordPress and headless CMS setups (Strapi, Directus).

EDUCATION

Postgraduate in Full-Stack Development

11.2025 - Present

Descomplica College

Focus: Java Ecosystem (Spring Boot), Angular & Microservices Architecture

MBA in Software Engineering

10.2023 - 08.2025

University of São Paulo (USP)

Focus: Software Architecture, System Design, DevOps, Cloud Computing

Bachelor in Psychology

02.2008 - 12.2014

University of São Paulo (USP)

SKILLS

Backend: NestJS, Hono, Node.js, TypeScript, Fastify, Python, Django, PHP, Laravel, REST APIs, Webhooks, OAuth2, API Design, Microservices, Event-Driven Architecture

Frontend: Vue.js/Nuxt.js, Svelte/SvelteKit, Astro, Angular, TailwindCSS, Bootstrap, Flutter, Responsive Design, Component Libraries, State Management

Databases: MySQL, PostgreSQL, MongoDB, Drizzle ORM, Supabase, Firebase, Migration Management, Data Modeling, Query Optimization, NoSQL, Relational Design

Queue Systems: BullMQ, Redis, Asynchronous Processing, Job Scheduling

Testing: Vitest, Unit Testing, Integration Testing, E2E Testing, Test Coverage

Cloud & Infrastructure: GCP (Certified), Oracle Cloud, Azure, AWS, Cloudflare, Docker, Linux, CI/CD Pipelines, Git, GitOps, Monitoring, Logging, Server Management, Ubuntu

AI & Automation: AI Agents, LLM/Multi-Agent Orchestration, Claude Code, Gemini, Jules, Vector Databases, n8n workflows, Synchronous/Asynchronous AI Integration, Prompt Engineering, RPA, Puppeteer, Browser Automation, OCR, PDF Processing, OpenAI API, Anthropic API, Function Calling, Structured Output, Embeddings, RAG, JSON Mode

CMS & Authentication: Strapi, Directus, Better Auth, 2FA/TOTP, Session Management, GDPR Compliance

LANGUAGES

Spanish C2 - Fluent

Portuguese C2 - Native

English B2- Professional

Italian B1- Conversational

German A1-A2- Beginner

CERTIFICATES

- GCP Associate Cloud Engineer Certification
- AWS Certified Cloud Practitioner (CLF-C02)
- DIO - Automation with N8N (Santander)
- DIO - DevOps Fundamentals
- GitHub Foundations Certification
- MongoDB Node.js Developer Path

ADDITIONAL

- EU Citizenship (Spain) - No visa required
- Available for B2B contracts or permanent/full-time employment

RPA Migration: UiPath to n8n + Puppeteer

- Migrating legacy UiPath automation workflows to modern n8n architecture with Puppeteer for browser automation.
- Implementing cost-effective, scalable automation solutions with improved error handling and monitoring.

CV Generator - AI-Native Documentation

- Vue 3, Vite, Bun, Gotenberg - AI-friendly bilingual CV generator for intelligent development era.
- Component-first architecture with Vue 3, real-time preview, PDF export, bilingual support (English/Spanish).

Enterprise Resource Integration System - Holded Core

- NestJS, TypeScript, PostgreSQL, Drizzle ORM, BullMQ, n8n - Middleware for e-commerce synchronization.
- Sync between Magento 2, Shopify and Holded ERP with hybrid architecture (event-driven + adaptive CRON).
- Cross-store ATP stock with FEFO, BullMQ/Redis async processing, >80% test coverage, Nuxt 3 dashboard.

Event Manager - Django Application

- Python, Django 5, SQLite, Railway, Mailjet - Full-stack event management system with participant registration.
- Django admin dashboard for content management, Gunicorn + WhiteNoise for production-grade static delivery.

Content Alchemist - AI-Augmented Campaigns

- TypeScript, n8n, Deno, Redis, Google Cloud - AI-augmented marketing campaign generator.
- Transforms transcripts into multi-channel content for Facebook, Instagram, LinkedIn via n8n orchestration.

Gentlecan - Dog Grooming Management System

- Flutter + SvelteKit + Firebase: Full-stack solution for dog grooming salon operations.
- Admin dashboard: calendar management, real-time occupancy indicators, customer segmentation.
- Mobile app: appointment booking, pet profiles, grooming history with galleries, automated reminders.

Gnosis Congress 2026 - Full-Stack Event Management Platform

- Nuxt.js, Hono, PostgreSQL, Better Auth - Event registration platform for the event.
- Responsive Nuxt.js frontend with Tailwind CSS on Cloudflare Workers, Hono.js API backend with Coolify.

AI-Powered Content Workflow Automation

- Astro, Google Gemini AI, n8n, Strapi CMS - Multilingual Gnostic Digital Library supporting 110 languages.
- Astro SSG with Starlight template, Strapi CMS, n8n workflows with Gemini AI translation (5 workers).