

Max Guzman

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SUMMARY

Full Stack Developer focused on Artificial Intelligence, backend development, integrations and intelligent automation. I have more than 5 years of hands-on programming experience and real-world experience building complete systems for companies, including applications with authentication, databases, user roles, admin panels, dashboards, automations, API integrations and applied AI features.

I have practical experience with web development, backend systems, databases, internal tools, process automation, AI agents, RAG, embeddings, document analysis, chatbots, WhatsApp/Telegram bots and external API integrations. My profile combines software development skills with business understanding, helping companies organize processes, reduce manual work and transform fragmented operations into usable and scalable systems.

I am looking for opportunities as a Full Stack Developer, AI Developer, AI Specialist, Backend Developer, Integration Developer or roles related to software development, data and applied AI.

EDUCATION

Centro Universitário Max Planck

Bachelor's Degree in Artificial Intelligence

2024 – 2029, ongoing

EXPERIENCE

Full Stack Developer & AI Developer

2022 – Present

Freelance / Independent Consultant

Worked on the development of internal systems, web applications, intelligent automations and AI-powered solutions for companies across different areas, including internal management, sales, gyms and operational processes.

Responsible for understanding client needs, gathering requirements, designing solution architecture, developing interfaces, structuring databases, creating automations, integrating APIs, testing, deploying, training users and providing post-delivery support.

- Developed complete systems with authentication, databases, user permissions, admin panels and operational features.
- Built applications for internal management, expense control, inventory, events, products and commercial processes.
- Created dashboards, forms, responsive pages, digital catalogs and user-facing interfaces.
- Developed backends, APIs, webhooks and integrations with external systems.
- Implemented applied AI solutions, including agents, chatbots, document analysis, RAG, embeddings and support automation.
- Integrated OpenAI, Supabase, Firebase, PostgreSQL, Redis, Google APIs, WhatsApp, Telegram, ElevenLabs and other tools.
- Used Docker, VPS, Render and Linux for deployment, environment setup and log monitoring.
- Trained clients and teams to use the systems developed.
- Provided support, bug fixes, iterative improvements and system evolution after implementation.

PROJECTS

Event Expense Management System | Complete system developed for a company to organize and control employee expenses related to events. The project was created to solve disorganization across multiple company departments, centralizing information, improving operational control and increasing data visibility.

- Main features:

- User login.
- Regular user and admin roles.
- Event registration and management.
- Expense registration and tracking.
- Structured database.
- Admin panel.
- Internal automations.
- Process organization across departments.
- Operational interface for team usage.
- Stack and resources: HTML, CSS, JavaScript, backend, database, authentication, automations, permission control and deployment.

Inventory Management System | Complete inventory management application designed to centralize item control, users and internal processes. The system allows regular users and administrators to have different levels of access, improving organization, traceability and information control.

- Main features:
 - Login and authentication.
 - Regular user and admin control.
 - Item registration, editing and management.
 - Integrated database.
 - Automations to support operational workflows.
 - Admin interface.
 - Inventory information organization.
- Stack and resources: HTML, CSS, JavaScript, backend, database, authentication, automations, permission control and deployment.

Ecommerce-Style Product Catalog | Development of a complete digital product catalog for a company, with an ecommerce-inspired interface focused on professional presentation, simple navigation and commercial organization.

- Main features:
 - Product listing.
 - Visual organization in catalog/ecommerce format.
 - Responsive interface.
 - Commercial information structure.
 - Professional presentation layout.
 - Potential integration with commercial flows and automations.
- Stack and resources: HTML, CSS, JavaScript, catalog structure, responsive frontend, data organization and commercial process integration.

AI Agents and Intelligent Automation Solutions | Development of intelligent solutions for support, sales, data analysis and internal processes using AI integrated with databases, documents, APIs and communication channels.

- Examples of solutions developed:
 - AI agents with contextual memory.
 - Knowledge base chatbots.
 - WhatsApp and Telegram bots.
 - Automated document and information analysis.
 - Contextual response generation with AI.
 - Integration with Google Docs, Gmail, Google Sheets and external systems.
 - RAG, embeddings and vector databases.
 - Multi-agent flows for complex task automation.
- Stack and resources: OpenAI API, GPT models, embeddings, RAG, vector databases, Supabase, Redis, Google APIs, Telegram, WhatsApp, ElevenLabs, webhooks and automations.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, HTML, CSS, basic/intermediate TypeScript

Frontend: HTML, CSS, JavaScript, React, responsive interfaces, dashboards and forms

Backend: Python, Node.js, Express, FastAPI, Flask, REST APIs, webhooks and authentication

Databases: PostgreSQL, Supabase, MySQL, Firebase, Redis

AI: OpenAI API, GPT, embeddings, RAG, vector databases, memory-based agents, multi-agent systems, document analysis, audio and voice

Automation & Integrations: APIs, webhooks, n8n, Google APIs, WhatsApp, Telegram, ElevenLabs

Infrastructure: Docker, Docker Compose, VPS, Linux, Render, environment variables and logs

Tools: Git, GitHub, technical documentation, manual testing, debugging and project organization

CERTIFICATIONS

Google Cloud Skills Boost — Derive Insights from BigQuery Data — https://www.skills.google/public_profiles/f5f7d915-b0fc-4c01-a9cc-22b77707852d/badges/24655909

Google Cloud Skills Boost — Machine Learning Operations (MLOps) with Vertex AI: Model Evaluation — https://www.skills.google/public_profiles/f5f7d915-b0fc-4c01-a9cc-22b77707852d/badges/24610793

Google Cloud Skills Boost — Create a Secure Data Lake on Cloud Storage — https://www.skills.google/public_profiles/f5f7d915-b0fc-4c01-a9cc-22b77707852d/badges/24607826

Google Cloud Skills Boost — Machine Learning Operations (MLOps) for Generative AI — https://www.skills.google/public_profiles/f5f7d915-b0fc-4c01-a9cc-22b77707852d/badges/23157775

Other Courses — No-Code Development — NoCodeStartup

Other Courses — Programming Training — BYJU'S Future School

Other Courses — Self-directed studies in web development, backend, databases, applied AI, automation, data and cloud

APPLIED ARTIFICIAL INTELLIGENCE

Hands-on experience building AI solutions integrated with real systems, including: - OpenAI API integration and multiple language models. - AI agents with memory, context and external tools. - Knowledge base chatbots. - RAG, embeddings and vector databases. - Multi-agent systems for process automation. - Document, PDF and structured/unstructured data analysis. - Audio and voice integrations with ElevenLabs. - Intelligent bots for WhatsApp and Telegram. - AI integrations with databases, Google Docs, Gmail, Google Sheets and external systems. - Architectures connecting frontend, backend, databases, LLMs, APIs and automations.

LANGUAGES

Portuguese: Native Spanish: Fluent English: Intermediate

PROFESSIONAL STRENGTHS

- Full Stack profile with a strong focus on applied AI and intelligent automation. - Real experience building complete systems for companies. - Ability to work from requirements gathering to deployment, training and support. - Cross-functional knowledge in frontend, backend, databases, AI, APIs, automations and infrastructure. - Ability to transform manual and disorganized processes into functional digital systems. - Technical mindset combined with business understanding and practical delivery. - Experience with internal management, sales, inventory, events, support and operational automation projects.

OBJECTIVE

To work in full-time, remote, international, freelance or consulting opportunities as a Full Stack Developer, AI Developer, AI Specialist, Backend Developer, Integration Developer or in areas related to software development, data, applied AI, backend and intelligent automation.