

Andrés Gerardo Márquez González

Senior Full-Stack Developer & Electronics Engineer

Santiago, Chile · andres.gmg1997@gmail.com · +56 9 9127 9911 · linkedin.com/in/andresgmg · github.com/andresgmg

PROFESSIONAL SUMMARY

Electronics Engineer and Senior Full-Stack Developer with 5+ years of experience designing and leading scalable, high-availability architectures. Specialized in the Python and TypeScript ecosystems with a strong focus on Generative AI solutions (Gemini, LangChain). Proven track record managing international clients and communicating technically in English, with a solid background in embedded systems bridging software and robotics.

CORE COMPETENCIES

Languages: Python, JavaScript, TypeScript, C, C++, Rust, Java, PHP, C#, Ruby

Frameworks & Libraries: Django, Django REST Framework, FastAPI, Flask, Node.js, Serverless, React, Next.js, Angular, Ionic, Pandas, Selenium, Pytest, Spark

AI / Generative AI: Generative AI Agents, Google Gemini, LangChain, Web Scraping

Databases: PostgreSQL, MySQL, MariaDB, SQLite, MongoDB

Cloud & DevOps: AWS (EC2, LightSail, Route 53, CloudFront, Cognito, Beanstalk, CodePipeline), Docker, CI/CD, Git, Vercel, Heroku, Render, SSL

Methodologies & Tools: Scrum, Kanban, Jira, Trello, Notion, ClickUp, Confluence, Postman, Swagger, Stakeholder Management

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Copec Suyay Project — Zenta Group

Mar 2025 – Present

Santiago, Chile

- Build and scale the Copec Suyay application under Agile methodologies, ensuring a maintainable and scalable architecture.
- Designed and implemented robust JWT + Django authentication, hardening security across user session management.
- Developed Generative AI agents with Gemini and LangChain that automate the creation of user profiles and technical descriptions from user data.

Stack: FastAPI · Django · LangChain · Docker · Jira · GitHub

Senior Software Engineer — Sendos.ai

Oct 2024 – Mar 2025

Mexico · Remote

- Designed and implemented the authentication and identity-management ecosystem with Django and JWT, ensuring session integrity and scalability.
- Built a Generative AI agent (Gemini, LangChain) that auto-generates job descriptions personalized to each user's experience.
- Optimized the software development life cycle with Docker and Agile coordination, enabling continuous software delivery.

Stack: FastAPI · Django · LangChain · Docker · Jira · GitHub

IT Support & Systems Coordinator — Next4

Jan 2024 – Oct 2024

Santiago, Chile

- Coordinated Agile squads, leading communication and goal alignment across multidisciplinary engineering teams.
- Managed end-to-end IT infrastructure, including systems-integration administration, preventive-maintenance plans, and advanced technical support.
- Consulted on and optimized bidirectional integrations for critical logistics flows: fulfillment, crossdock, overflow, and distribution networks.

Stack: Jira · Trello · Notion · Git · Beetrack · EcartAPI · REST APIs

Full-Stack Developer — Next4

Jul 2022 – Dec 2023

Santiago, Chile

- Architected and built 50% of the front-end ecosystem for the company's core logistics application, focusing on use-case definition and UX/UI.
- Restructured and optimized back-end logic — adding advanced validation and pagination — improving code efficiency and architectural precision.
- Designed a cascading deactivation system that automates provider-status management across the logistics flow, improving operational efficiency.

Stack: Node.js · Serverless · Python · Flask · Angular · Ionic · REST APIs

Mid-Level Python Developer — Haintech Solution

Feb 2022 – May 2022

Chile

- Built REST API endpoints for internal and external consumption.
- Implemented Web Scraping pipelines in Python (BeautifulSoup) for data collection.
- Generated QA test cases from use-case analysis using Python and Excel.
- Improved team workflow by contributing creative technical proposals.

Stack: Python · Pandas · BeautifulSoup · Flask · Swagger · Node.js · JavaScript

Junior Python Developer — Arawato Media

Jul 2019 – Dec 2019

Venezuela

- Created REST APIs for internal consumption in a movie-rental platform.
- Contributed technical insights grounded in research and data collection.
- Applied Kanban methodology throughout client project delivery.

Stack: Python · Django · Django REST Framework · Tkinter · Pandas

FREELANCE & CONSULTING

Co-Founder / CTO — Facelad SPA

Apr 2022 – Present

International · Remote

- Grew the client portfolio by 75% under Agile delivery while sustaining a 100% satisfaction rate.
- Built and led a multidisciplinary team of 7 specialists, fostering a high-performance environment.
- Advised 20+ business owners on process automation, digitalization, and UX optimization.

Stack: JavaScript · Next.js · TypeScript · Python · Flask · FastAPI

Software Engineer & DevOps Consultant — Astroluv

Jan 2025 – Present

Spain · Remote

- Develop custom software solutions and provide specialized technical support for the Astroluv ecosystem.
- Drive DevOps and database administration (DBA), ensuring service stability and efficient deployments.
- Lead technical communication and status reporting in English across international milestone meetings.
- Optimize workflows and data persistence to guarantee information integrity and infrastructure scalability.

Stack: Python · DevOps · SQL · Database Management

IT Support — Vedhome

Jan 2021 – Jan 2022

Chile

- Enhanced e-commerce UX and checkout flow, increasing conversion efficiency.
- Reduced system errors and warnings, driving a 46% improvement in store performance.
- Maintained AWS infrastructure (LightSail, Route 53) and implemented Git-based CI/CD with GitHub, Vercel, and AWS pipelines.
- Optimized front-end/back-end communication by introducing GraphQL over a WordPress/WooCommerce backend.

Stack: Next.js · JavaScript · TypeScript · WordPress · WooCommerce · AWS

EDUCATION

B.S. in Electronics Engineering — Universidad Simón Bolívar

2014 – 2019

Venezuela

CERTIFICATIONS

English Proficiency (B2) — Centro Venezolano Americano

Python for Everybody — University of Michigan

Cloud Computing — Escuela de Organización Industrial · Google Activate

Mobile App Development — Universidad Complutense de Madrid · Google Activate

Cybersecurity in Telework — INCIBE · Google Activate

Digital Transformation for Employment — Escuela de Organización Industrial · Google Activate

Personal Productivity — Fundación Santa María la Real · Google Activate

Digital Skills for Professionals — Fundación Santa María la Real · Google Activate

LANGUAGES

Spanish (Native) · English (Advanced (B2)) · Portuguese (Intermediate)