

Andrés Felipe Navarro Gómez

Software Developer | AI & Voice Agents | Backend & Cloud

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PROFESSIONAL SUMMARY

Software developer with over 5 years of experience building robust backend systems, APIs, and SaaS platforms in production environments using technologies such as Node.js, Python, JavaScript, and TypeScript. I have worked remotely with teams and companies across Colombia, Mexico, the United States, Chile, and France, delivering scalable solutions under pressure and with strong technical autonomy. In recent years I have developed solid skills in applied artificial intelligence: LLM agent design, workflow orchestration, real-time voice pipelines, and automation with n8n. I am driven by building products that solve real problems, combining sound engineering practices with the current capabilities of AI.

PROFESSIONAL EXPERIENCE

AI Developer | Rembr

United States, Remote • Sept 2025 – Present

- Designed and built from scratch a conversational voice and chat agent platform, with a multi-service architecture in Python (FastAPI) and a mobile frontend in Flutter.
- Implemented real-time voice pipelines using LLMs (Gemini Multimodal Live, OpenAI) and external tool dispatching (Gmail, Google Calendar, Drive, Tasks, Telegram).
- Designed a WebSocket proxy architecture for real-time communication between the Flutter client and the AI backend, with session handling and OAuth authentication via Supabase.
- Built a complete CI/CD system on GCP (Cloud Run, Artifact Registry, Cloud Build) and designed OAuth token persistence tables for users' connected accounts.
- Automated workflows with n8n, refactoring declarative routing architectures for AI tools.

Backend Developer | Masu SaaS

Mexico, Remote • Feb 2025 – Nov 2025

- Designed multi-tenant architectures in PostgreSQL and NestJS with data isolation and high availability.
- Implemented RESTful APIs and distributed services with Node.js, TypeScript, and TypeORM, optimizing SQL queries and asynchronous processes.
- Integrated SQS queues and workers for concurrent processing of tasks, notifications, and automated logistics workflows.
- Designed and implemented a backend–RPA integration: automation between NestJS and a Python bot for remote execution in a VPN-protected enterprise ERP.
- Set up deployments on AWS (Elastic Beanstalk, CodeBuild, CodePipeline, Docker) with CI/CD automation and performance monitoring.

Backend Developer | Imaginamos SAS

Colombia, Remote • Jun 2022 – Feb 2025

- Designed and implemented scalable backend services with Node.js, TypeScript, and NestJS following SOLID principles and design patterns.
- Built REST, SOAP, and GraphQL APIs, improving interoperability between internal systems and external services by 40%.
- Integrated third-party APIs such as Twilio, Meta (WhatsApp), BePay, and PayPal, improving time-to-market for key features.
- Supported deployments in Dockerized environments on AWS (EC2, S3, RDS/PostgreSQL) and implemented a microservices architecture with event-based communication.
- Worked under agile methodologies (Scrum) in multidisciplinary teams with continuous delivery.

Backend Developer | Seed Academy

United States, Remote • Jul 2023 – Sep 2023

- Built web services with TypeScript, Node.js, Express, and MongoDB under a Clean Code architecture.
- Designed internal libraries for file conversion and workflow automation, improving data processing by 30%.

Full Stack Developer | Octetus SAS

Chile, Remote • Jul 2021 – Apr 2022

- Developed custom plugins for the Chilean Ministry of Culture's CMS using Python, Django, PostgreSQL, and ElasticSearch.
- Integrated government APIs for interoperability between public systems of the Chilean Ministry of the Presidency.

Full Stack Developer | Tous Secouristes

France, Remote • Jan 2021 – Jun 2021

- Developed a course management platform with GraphQL, Next.js, TypeScript, and ReactJS.
- Integrated payment gateways (PayPal, Stripe), ensuring security and compliance with international standards.

TECHNICAL SKILLS

Artificial Intelligence & Agents: Gemini Multimodal Live, OpenAI API, n8n (automation), Prompt Engineering, RAG, LLM Agents.

Backend & APIs: Python (FastAPI, Flask, Django), Node.js, TypeScript, NestJS, Express, REST, GraphQL, SOAP, WebSockets, SQS, TypeORM, MongoDB, PostgreSQL.

Cloud & DevOps: GCP (Cloud Run, Cloud Build, Artifact Registry), AWS (Elastic Beanstalk, EC2, S3, RDS, CodePipeline), Docker, CI/CD, Supabase.

Mobile & Frontend: Flutter (iOS/Android), ReactJS, Next.js, HTML/CSS.

Other: Conversational English, Scrum/Agile, BPMN modeling, OAuth 2.0, multi-tenant architecture design.

EDUCATION

Systems Engineering

Jan 2017 – Sept 2022

Universidad del Magdalena • Santa Marta, Colombia

Recognition for outstanding performance in Software Design — Saber Pro national exams.

Programming Skills with Emphasis on Web Applications

Jul – Dec 2021

Universidad del Norte / Misión TIC 2022 • Colombia, Remote