



FULL STACK DEVELOPER | AI & NO-CODE  
INTEGRATIONS | TECHNICAL SUPPORT

# HERNÁN ASTIGARRAGA

## SPECIALIZATION

- Backend development with Node.js, Express, and MongoDB
- REST API integration and OAuth2 authentication
- Modular architectures using LangChain, LangGraph, and MCP
- Embeddings, Pinecone, and RAG for semantic retrieval
- Workflow automation with Google Workspace, Zapier, and No-Code platforms
- Intelligent solutions powered by generative AI

## TECHNICAL SKILLS

- Languages & Frameworks:  
JavaScript, TypeScript, Node.js, Express, React, Redux
- Databases: MongoDB, PostgreSQL
- Infrastructure: Docker, OAuth2, REST APIs
- AI & Automation: LangChain, LangGraph, MCP, Pinecone, Zapier
- No-Code: Bubble.io, Webflow, Airtable, Notion, WordPress

## OTHER STRENGTHS

- Structured technical communication.
- Documentation and task tracking.
- Adaptability to mixed code/No-Code teams.
- Problem solving with measurable outcomes.

## LANGUAGES

- Spanish: Native
- English: B2 (technical, EF SET)

## CONTACT

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📍 Córdoba Capital, Argentina

## PROFESSIONAL SUMMARY

Full-stack developer with experience in backend (Node.js, Express, MongoDB) and LLM integrations (OpenAI, Gemini, Phi-3).

I design intelligent architectures with LangGraph and MCP to automate workflows and orchestrate tools.

Specialized in connecting Google Workspace ecosystems, custom APIs, and No-Code environments (Bubble.io, WordPress).

Focused on efficiency, scalability, and clear technical communication with cross-functional teams.

## WORK EXPERIENCE

### FULL STACK DEVELOPER — BARDO DIGITAL (BARCELONA, ES)

FEB 2025 – PRESENT

- BACKEND ARCHITECTURE WITH NODE.JS, EXPRESS, MONGODB.
- GENERATIVE AI INTEGRATIONS (OPENAI, GEMINI) WITH EMBEDDINGS AND SSE STREAMING.
- GOOGLE WORKSPACE OAUTH2 INTEGRATION (DRIVE, SHEETS, CALENDAR, GMAIL).
- MODULAR PIPELINES USING MCP FOR TOOL ORCHESTRATION.
- 40% LATENCY REDUCTION THROUGH PROCESS AND QUERY OPTIMIZATION.

### ASSISTANT INSTRUCTOR — CODERHOUSE (BUBBLE.IO)

JAN 2024 – PRESENT

- LIVE CLASS SUPPORT AND TECHNICAL GUIDANCE FOR STUDENTS.
- Q&A AND ASSISTANCE WITH PRACTICAL EXERCISES.
- COLLABORATION ON EXAMPLES AND MATERIALS FOR NO-CODE AUTOMATION.
- COORDINATION WITH TEACHING STAFF TO TRACK STUDENT PROGRESS.

### FREELANCE CONSULTANT & DEVELOPER — AI AND NO-CODE

MAR 2023 – DEC 2023

- DELIVERED AUTOMATIONS USING BUBBLE.IO, WORDPRESS AND ZAPIER INTEGRATING REST APIs AND GOOGLE WORKSPACE.
- BUILT MICRO-APIS WITH NODE.JS/EXPRESS (JWT, TYPED CORS).
- REDUCED SMALL-BUSINESS OPERATIONAL TIME BY 20-35% VIA AUTOMATION.
- TECHNICAL HAND-OFFS AND DOCUMENTATION UNDER NDA FOR INTERNATIONAL TEAMS.

### FULL STACK DEVELOPER — BARDO DIGITAL (BARCELONA, ES)

NOV 2021 – FEB 2023

- FRONTEND AND BACKEND DELIVERY IN BUBBLE.IO AND WEBFLOW.
- NEW FEATURES VIA NO-CODE PLUS REST API INTEGRATIONS.

## COMPLEMENTARY PROFILE FOCUSED ON USER MANAGEMENT AND INTERACTION.

- ORGANIZED TASK MANAGEMENT AND REQUIREMENTS TRACKING.
- EXPERIENCE WITH GOOGLE WORKSPACE AND CRM SYSTEMS.
- FAST LEARNING AND ADAPTABILITY TO NEW ENVIRONMENTS.
- EFFECTIVE COMMUNICATION WITH USERS AND TECHNICAL TEAMS.
- ADDITIONAL FOCUS ON TECHNICAL SUPPORT AND ISSUE RESOLUTION IN DIGITAL AND AUTOMATED ENVIRONMENTS.

## EDUCATION

UTN – FACULTAD REGIONAL CÓRDOBA  
INFORMATION SYSTEMS ENGINEERING (ONGOING).

SOY HENRY BOOTCAMP  
FULL STACK WEB DEVELOPER (800+ HOURS INTENSIVE PRACTICE)