

Natalia Bolivia Duran Oliva

Full Stack Developer

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<https://nataliaduran.dev> | Santa Cruz, Bolivia

PROFESSIONAL SUMMARY

Systems Engineer & Software Developer with 6+ years of experience specializing in scalable backend architectures (Java/Spring Boot, NestJS) and AI-assisted development. Proven track record in modernizing operational workflows and implementing agentic AI solutions. Tech community leader (GDG & WTM) committed to Clean Code, technical mentorship, and high-performance system design.

HABILIDADES TÉCNICAS

- **Backend:** Java (Spring Boot), Node.js (NestJS, Express), TypeScript/JS.
- **AI & Agents:** LangGraph, MCP Servers, LangChain, AI Agents, Prompt Engineering.
- **Databases & Streaming:** MongoDB, Oracle, SQL Server, Kafka.
- **Infrastructure & Ops:** Docker, Kubernetes, CI/CD (Jenkins, Azure DevOps), AWS (S3), Grafana.
- **Frontend:** Next.js, Angular, Flutter. | **Methodologies:** Agile (SCRUM), Clean Code, OWASP.

EXPERIENCIA PROFESIONAL

AI Engineer | Noxis AI

April 2026 – Present

- **System Modernization:** Orchestrated the migration of a customer service AI system from n8n/LangChain to a custom LangGraph architecture and MCP servers, improving agentic reasoning and context handling.
- **Agentic Workflows:** Developed specialized agents for WhatsApp-based customer support, utilizing LangGraph to manage complex stateful interactions and multi-step decision-making.

Software Developer | SunStar Solutions

September 2025 – March 2026

- **Product Development:** Scaled a CRM for the US energy sector using Next.js, ensuring high availability and low latency.
- **API Integration:** Implemented third-party services (GoHighLevel, Google Maps, Solar API) and digital signatures (HelloSign), centralizing operations.

Software Developer | Banco Ganadero S.A.

October 2023 – September 2025

- **Microservices & Streaming:** Designed critical services in Java (Spring Boot) and NestJS using event-driven architectures with Apache Kafka.
- **Mobile Development (Ganamóvil):** Collaborated on the maintenance and development of critical features for the mobile banking app.
- **DevOps & Security:** Standardized CI/CD pipelines with Argo CD and applied OWASP/ASVS standards for secure financial transactions.

Systems Analyst | Santa Cruz Vida y Salud Seguros y Reaseguros Personales S.A.

October 2022 – October 2023

- **Module Migration:** Led the migration of HR management systems to modern architectures, improving data efficiency by 50%.
- **Clean Architecture:** Developed insurance products using Hexagonal Architecture (Clean Code) with Spring Boot and Angular.
- **Compliance:** Managed AMLC system support, ensuring 99% accuracy in regulatory compliance.

Full Stack Developer | Sociedad Synergy Ltda.

February 2022 – October 2022

- **ERP Integration (SAP B1):** Designed and implemented integration services with the SAP B1 SDK for the dispatch module, improving operational transparency by 60%.
- **Warehouse Optimization:** Developed a web application that optimized inventory management efficiency by 40%.

Full Stack Developer | Grupo Editorial La Hoguera

April 2021 – November 2021

- **Sales Integration:** Implemented integration services with SAP SDSB1 for the post-sales module, achieving a 60% improvement in sales registration efficiency.
- **Mobile Development:** Developed a mobile application using Flutter that digitized 100% of order processing, increasing data entry efficiency by 80%.

EDUCATION

- Postgraduate Degree in Project Management (PMI Methodology) – UPSA, 2025
- Systems Engineering – Universidad Evangélica Boliviana, 2019 – 2022 | "CREando Valor" Scholarship
- Certifications & Languages: English (Intermediate B2) | Cisco Certified Network Associate (CCNA) – CIFT UAGRM, 2021