

Alejandro Fernandez Vitorco

Popayán, Colombia · linkedin.com/in/alejfernandezv · +57 322 673 5692 · alejfernandezv@gmail.com

Final-year Systems Engineering student with experience as a **Cloud Solutions Architect Intern** at **Huawei**. Focused on **Cloud Computing** and **Back-End development**, with solid knowledge of **Java**, **Spring Boot**, **REST microservices**, and **SOLID principles**. During my internship in the **Colombia Cloud Business Department**, I participated in the design of cloud solutions, process automation, and the creation of key technical documentation. I have experience with **SQL databases**, **Angular**, and **Agile methodologies**. Currently pursuing **AWS Cloud Practitioner** certification, with a strong focus on continuous improvement, code quality, and technical collaboration. I am looking to join a team where I can apply my cloud development and architecture skills and continue growing professionally.

PROFESSIONAL EXPERIENCE

Colombia Cloud Business Department - Huawei
Cloud Solutions Architect (Intern)

Bogotá, Colombia
August 2025 - January 2026

- I developed dynamic models and tools in Excel to automate and standardize cloud service quoting (OBS), estimating short- and long-term costs for key clients.
- I created essential technical documentation, including a Deployment Pipeline guide and a migration manual, to standardize procedures and facilitate knowledge transfer within the team.
- I designed and developed automation scripts for managing the network configuration lifecycle, including backing up, deleting, and restoring routing tables.
- I contributed to the technical and financial analysis for preparing commercial proposals for high-profile clients, including generating service reports.

CONT APP - University of Cauca
Full Stack Developer

Popayán, Colombia
February 2024 - Now

- I applied the Scrum agile methodology to manage the project's agile development.
- I developed and implemented reusable components focused on third-party management and the creation of financial reports.
- I implemented key microservices using a hexagonal architecture for third-party management, invoicing, and financial reporting.
- I designed and managed MySQL databases, ensuring integrity and performance.
- I integrated automated services to generate invoices and PDF reports, optimizing processing times.

Office of Interinstitutional and International Relations - University of Cauca
Test Developer

Popayán, Colombia
August 2024 - December 2024

- I designed and executed integration tests to validate proper communication between the application monolith's modules.
- I used tools like JUnit and Postman to verify endpoint responses.
- I collaborated with the development team to identify and correct service integration defects.
- I simulated error scenarios to evaluate system response.

EDUCATION

UNIVERSITY OF CAUCA

Systems Engineering

Popayán, Colombia

August 2019 - Now

HUAWEI

HCIA - Solution Architectures, HCCDP - Cloud Services

Virtual

November - September 2025

NVIDIA

Rapid Application Development with LLMs

Virtual

May 2025

VMEdu Inc

Scrum Fundamentals

Virtual

November 2024

UDEMY

Certificate en AWS Cloud Practitioner Examen CLF-C01 2º Edic, Learn Amazon Web Services (AWS) easily to become Architect

Virtual

May 2025

CISCO NETWORKING ACADEMY

CCNAv7: Networking introduction, CCNAv7: Switching, routing and wireless fundamentals

Popayán, Colombia

February 2024 - June 2024

ADDITIONAL SKILLS

- Web Development: Java, Spring Boot, Angular, Tailwind, HTML, CSS, JavaScript.
- Databases: MySQL, PostgreSQL, JPA/Hibernate.
- Cloud Computing: AWS Fundamentals.
- Architectures and Best Practices: Hexagonal, Monolithic, MVC, and REST Microservices.
- Best Practices: Clean Code, SOLID principles, documentation with Swagger/OpenAPI.
- Analysis: User Stories, Prototypes, Process Modeling.
- Methodologies: Scrum, Waterfall, and Incremental.
- Tools: Git, Figma, Trello, Jira, Bizagi.
- Data Analysis: Power BI (Basic).
- Languages: Spanish (Native), English (B2 - Intermediate) certified by EF SET.