

Laura Alejandra Nieto Peña

Backend Software Developer

Contact

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Languages: Spanish: Native/English: B2

Professional Profile

Electronic Engineer with 4+ years of experience in software development, specializing in backend engineering with Java and Spring Boot. Strong background in microservices architecture, RESTful API design, cloud services, and containerized environments. Skilled in Agile practices, clean architecture, testing, and DevOps workflows. Motivated to build scalable, secure, and maintainable solutions and to strengthen frontend skills with React and Angular.

Technical Skills

Backend: Java, Spring Boot, Microservices, RESTful APIs

Frontend: React, JavaScript, TypeScript

Cloud & DevOps: AWS, CI/CD, Docker, WSO2 API Manager

Databases: SQL, NoSQL, PostgreSQL

Testing: JUnit 5, Mockito

Tools: Git, GitHub

Other: Node.js, OpenAPI, OAuth2

Professional Experience

Software Developer — Banco de Bogotá (Nov 2022 – Aug 2025)

- Designed and implemented backend services in Java + Spring Boot following OpenAPI standards.
- Developed Node.js + TypeScript services and managed Docker images.
- Automated API publication in WSO2 API Manager.
- Supported AWS integrations and PostgreSQL database operations.
- Implemented OAuth2 security, exception handling, and validations.
- Wrote unit tests with JUnit 5 and Mockito.
- Participated in Scrum ceremonies and continuous improvement.

Backend Software Developer (Junior) — Accenture (Oct 2021 – Nov 2022)

- Developed and maintained Java + Spring Boot microservices.
- Implemented unit and integration tests.
- Contributed to clean architecture and code reviews.
- Participated in Agile ceremonies and Git-based workflows.

Education

B.Sc. Electronic Engineering — Universidad Distrital Francisco José de Caldas (2023)

Certified Tech Developer — Digital House (2022)

Certifications

- Spring Framework 5 & Spring Boot 2 — Udemy
- React.js, Webpack and Babel — Udemy
- Git + GitHub for Open Source Collaboration — Coursera
- Java with JUnit 5 and Mockito — Udemy