

Sergio Andres Lejarde

Bucaramanga, Colombia • lopezandres170302@gmail.com • +57 3022613141 • LinkedIn: linkedin.com/in/sergiolejarde • GitHub: github.com/sergiolejarde

Education

Universidad Pontificia Bolivariana (UPB)

Bucaramanga, Colombia

B.S. in Systems Engineering, Expected 2026

Relevant Coursework: Distributed Systems, Software Engineering, Databases, Cloud Computing

Honors: Active participant in research and innovation projects

Colegio Bilingüe la consolata

Bucaramanga, Colombia

High School Diploma, 2020

Bilingual education in Spanish and English

Experience

Freelance Programmer

Remote • 2021 – Present

- Developed custom software solutions for clients, focusing on web and mobile applications
- Built Java and Flutter applications with AWS Amplify, Firebase, and Render
- Designed and deployed CI/CD pipelines using GitHub Actions, improving delivery speed
- Delivered transcription automation solutions, enhancing efficiency for academic projects

PawCampus Project – Project Lead

Universidad Pontificia Bolivariana, Bucaramanga, Colombia • 2024 – Present

- Led a social responsibility project integrating technology and community service
- Designed a mobile/web app to monitor and support stray animals on campus
- Coordinated development of smart feeders, solar-powered cameras, and QR identification system
- Engaged university stakeholders to align project with academic and social goals

Distributed Systems Labs (Course Projects)

UPB, Bucaramanga, Colombia • 2024 – 2025

- Implemented client-server applications using Java RMI and Sockets
- Created multi-threaded Java program converting URLs and documents to PDF with performance benchmarking
- Developed headless automation with LibreOffice and ChromeDriver for file conversions

- Analyzed concurrency and scalability, producing detailed academic reports with charts and tables

Leadership & Activities

UPB Student Community

Active Member • 2021 – Present

- Participated in academic research groups and social initiatives
- Volunteered in accessibility analysis projects (temple accessibility, inclusive design)
- Collaborated in interdisciplinary work linking engineering, ethics, and social responsibility

Skills & Interests

Technical: Java, Python, Flutter, AWS Amplify, Firebase, Render, GitHub, GitHub Actions, CI/CD, LibreOffice automation, ChromeDriver, Data analysis, React, (Excel, GeoGebra), Transcription tools

Programming & Web: Java, Python (Pandas, Matplotlib, Scikit-Learn), JavaScript, React, React Native, HTML, CSS, Tailwind, Bootstrap.

Mobile & Cloud: Flutter, Firebase, AWS Amplify, Render.

Databases & Tools: MongoDB, PostgreSQL, MySQL, Postman, Git/GitHub, GitHub Actions (CI/CD).

Languages: Spanish (Native), English (B2 – TOEFL certified)

Data & AI: Data analysis (Excel, Python), Machine Learning (model training, Scikit-Learn).

Automation: LibreOffice headless, ChromeDriver.

Transcription: Audio & text transcription (Spanish/English), experience with Mundo AI (LingoTribe).

Interests: Technology for social good, innovation projects, music production (Ableton Live, MIDI), research, accessibility initiatives