Sergio Andres Lejarde

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# 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 (Excel, GeoGebra), Transcription tools

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

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