

Ruben Santiago Cruz

Cauca, Colombia · [linkedin.com/in/rscruz1711](https://www.linkedin.com/in/rscruz1711) · +57 3172982753 · santiagocrzzz1711@gmail.com

Final-Year Systems Engineering Student with a strong focus on backend development using Java and Spring Boot. Experienced in designing and implementing REST APIs, applying hexagonal architecture, managing relational databases, integrating with JPA/Hibernate, and documenting APIs using Swagger/OpenAPI. Passionate about software architecture, coding best practices, and developing scalable solutions in collaborative and agile environments.

PROFESSIONAL EXPERIENCE

Banco de Proyectos y Productos de la Universidad del Cauca (BPPUC) – Universidad del Cauca

Cauca, Colombia

March 2025 – June 2025

Requirements Analyst

- Attended client meetings to gather and analyze system requirements
- Wrote functional and non-functional requirements using user stories, diagrams, and process models
- Designed interface prototypes in Figma to validate user needs and expectations

Oficina de Relaciones Interinstitucionales e Interacciones – Universidad del Cauca

Cauca, Colombia

*August 2024 – November
2024*

Backend Developer

- Developed the application backend using Spring Boot, applying SOLID principles and best practices
- Implemented REST services under a hexagonal architecture to improve system maintainability
- Integrated relational databases using JPA/Hibernate and efficient controllers
- Documented technical code using tools such as Swagger/OpenAPI
- Led the backend team, coordinating tasks and communication with frontend and QA teams
- Participated in planning and follow-up sessions using Scrum framework

ContApp (Accounting Application) – Universidad del Cauca

Cauca, Colombia

February 2024 – June 2024

Frontend Developer

- Developed the user interface using Angular, creating reusable components and consuming REST services
- Analyzed and documented requirements through interviews, user stories, and Figma prototypes
- Validated requirements and suggested improvements in user experience
- Collaborated with backend developers to ensure system integration and consistency
- Applied best development practices, version control with Git, and worked within the Scrum framework

EDUCATION

UNIVERSIDAD DEL CAUCA

Cauca, Colombia

Bachelor's Degree in Systems Engineering

August 2020 – Present

UDEMY

Online

Learn Amazon Web Services (AWS) easily to become Architect

April 2025

SERVICIO NACIONAL DE APRENDIZAJE (SENA)

Online

Applying the Scrum Framework for Software Development Projects

August 2024 – October 2024

ADDITIONAL SKILLS

- Web Development: Java, Spring Boot, Angular, HTML, CSS, JavaScript
- Databases: SQL, MySQL, PostgreSQL, JPA/Hibernate
- Basic DevOps / Cloud: AWS fundamentals, basic application deployment, Docker
- Architecture & Best Practices: Hexagonal architecture, microservices, REST services, SOLID principles, documentation with Swagger/OpenAPI
- Version Control & Collaboration: Git, GitHub, Trello, Jira
- Methodologies & Analysis: Scrum, user stories, prototyping, requirements analysis and modeling
- Data Analysis: Python, data mining (basic level), data visualization
- Languages: Spanish (native), English (intermediate - B2)
- Soft Skills: Effective communication, leadership, teamwork, adaptability, proactivity, self-directed learning, quality-focused, problem solving