

Jhashua Canton Ruiz

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Professional Summary

Full Stack Developer with expertise in designing and deploying scalable web applications using React, Node.js, and SQL databases. Skilled in API development, secure coding, and cloud-based deployments. Experienced in integrating Machine Learning models into production environments using Python and Flask. Strong foundation in algorithm design and optimization in C++. Recognized for leadership, adaptability, and effective collaboration in team-based environments.

Education

Universidad Nacional de Costa Rica, Paso Canoas, CR
Bachelor in Information Systems Engineering

Graduation: Nov 2026
GPA: 8.76

Universidad Nacional de Costa Rica, Paso Canoas, CR
Diploma in Computer Applications Programming

Graduated: July 2025

Projects

- **Secure E-commerce Platform:** Developed a full-stack web app using React, Node.js, and MySQL. Implemented role-based access control and input validation to prevent OWASP Top 10 vulnerabilities.
- **Machine Learning Price Prediction App:** Created a regression model in Python (scikit-learn) and deployed via Flask API; improved prediction accuracy by 15%.
- **Inventory System in COBOL:** Academic project implementing an inventory management system with product registration, sales tracking, and reporting (general, by category, by date) using indexed and sequential files. (GitHub)
- **Jerusalem Commerce Web Platform:** Currently leading the development of a large-scale commercial website for Jerusalem, a major enterprise. Responsibilities include project leadership, full-stack development, and coordination of a team delivering scalable solutions with Node.js, React, and SQL databases.

Certifications

IBM Full Stack Software Developer — 2025
IBM Back-End Developer — 2025
Amazon Junior Software Developer 2025
IBM AI Engineering — 2025
IBM AI Developer — 2025
Generative AI for Professionals — 2025

Technical Skills

Algorithms & Programming: C++, Java, COBOL, Python, TypeScript, JavaScript (APIs and backend services with Node.js)

Frontend: React

Backend: Node.js (TypeScript and JavaScript)

Databases: MySQL, Oracle, Indexed/Sequential Files (COBOL)

ML Tools: Python, scikit-learn, Pandas, NumPy

Cloud/DevOps: Docker, GitHub Actions (CI/CD)

Other: Git, Secure Coding Practices

Languages: Spanish (Native), English (Fluent)

Power Skills

Leadership, Teamwork and Collaboration, Analytical Thinking, Problem Solving, Agile Adaptability, Effective Communication, Time Management