CARLOS JEREMY DUARTE MORA

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with a Bachelor's Degree in Computer Systems Engineering and 1+ years of hands-on experience in backend and full-stack development. Skilled in Java, Spring Boot, JavaScript, React, SQL, and REST APIs, with practical experience deploying and maintaining services on cloud platforms (Google Cloud Platform) using Docker and CI/CD pipelines. Solid grounding in security fundamentals (JWT authentication, role-based access control, ISO/IEC 27001 awareness) and distributed, service-oriented architectures. Collaborative in Agile/Scrum teams, fluent with technical documentation in English (B2, EF SET certified), and committed to continuously learning emerging technologies, including AI-assisted development tools.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL

Frameworks & Libraries: Spring Boot, Spring Security, React, REST APIs, JPA/Hibernate, Microservices

Databases: MySQL, PostgreSQL, SQL Server, Firebase Firestore (NoSQL), Oracle (basic)

Cloud & DevOps: Google Cloud Platform (GCP), Docker, GitHub Actions, CI/CD, Firebase Authentication

Tools: Git, GitHub, Postman, Jira, IntelliJ IDEA, VS Code, Linux

Practices: Agile/Scrum, Code Reviews, Technical Documentation, Debugging, Distributed Systems Fundamentals, Security Fundamentals (JWT, RBAC, ISO/IEC 27001), AI-Assisted Development Tools

PROFESSIONAL EXPERIENCE

Cloud Application Developer **May 2026 – Present**

Independent Freelance — Costa Rica (Remote)

- Build secure REST APIs with Spring Boot, implementing authentication, access control, and structured error handling for booking and user-management systems.
- Integrate external services such as Firebase Authentication and Cloud Firestore to support real-time data synchronization.
- Design and optimize relational database schemas in MySQL and PostgreSQL, and configure/maintain scalable production environments on Google Cloud Platform.
- Work autonomously with clients end-to-end: gather requirements, document technical solutions, and support delivery through completion.

Software Engineer – Full Stack / DevOps Support **Jan 2026 – May 2026**

Fundación Universitaria CEIPA — Remote

- Developed and maintained academic information systems using Java (Spring Boot) and React, participating in the full development lifecycle from requirements analysis through deployment.
- Collaborated with cross-functional teams to clarify requirements, integrate feedback, and support operational continuity.
- Managed relational databases using SQL, including schema design, query optimization, and data management.
- Implemented Docker containers to standardize development and deployment environments across the team.
- Participated in Scrum ceremonies, sprint planning, and code reviews, applying feedback to improve reliability and code quality.

Software Development Intern – Full Stack Developer **Sep 2025 – Dec 2025**

Fundación Universitaria CEIPA — Remote

- Developed a full academic web platform using Java (Spring Boot), React, and MySQL.
- Designed and implemented REST APIs with JWT authentication and role-based access control (RBAC).
- Built and optimized relational database models using JPA/Hibernate.
- Performed functional testing and API validation using Postman, documenting results and defects, while collaborating in Agile Scrum development cycles with continuous, iterative delivery.

EDUCATION

Bachelor's Degree in Computer Systems Engineering **2022 – 2025**

Universidad Latina de Costa Rica

CERTIFICATIONS

- EF SET English Certificate – B2 Upper Intermediate
- ISO/IEC 27001 Information Security Awareness
- Cybersecurity Awareness – CAPC
- JavaScript Essentials 1 – Cisco Networking Academy

Languages: Spanish — Native | English — B2 Upper Intermediate (EF SET certified)