Bryan Robles

Backend Developer · Java & Spring Boot

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PROFILE

Systems Engineering student focused on backend development with Java and Spring Boot. I build APIs with hexagonal architecture, automated tests, continuous integration and Docker-based deployment. Experience with microservices, asynchronous messaging and application security (OWASP). Looking for an internship or a first role as a backend or full-stack developer.

PROJECTS

Samaria360 — Tourism platform · Capstone · Top contributor (46 of 77 PRs)

- Five hexagonal microservices behind an API gateway, with asynchronous events over RabbitMQ.
- Built the booking, catalog, analytics and chatbot services, gateway routes and frontend screens.
- Concurrency, load (k6) and fault-tolerance testing of the non-functional requirements.

Java 17, Spring Boot, Spring Cloud Gateway, RabbitMQ, PostgreSQL, MongoDB, React, Docker, k6

logistics-packages — Logistics management system · Team project

- Implemented package weighing and integrated the frontend with the real API (intake, storage, sorting and incidents).
- After delivery, stabilized the project: 208 passing tests, CI, one-command Docker Compose and integration bug fixes.

Java 21, Spring Boot, React, TypeScript, PostgreSQL, AWS SQS/S3, Docker, GitHub Actions

ecocompost-iot — IoT composter monitoring · Academic project

- API with a threshold-based diagnosis engine and a web dashboard, fed by simulated data over an ESP32 contract.

Spring Boot, React, TypeScript, H2

proyecto-final-he — Ethical hacking · Academic project

- Exploitation and mitigation of OWASP vulnerabilities in NodeGoat; owned the NoSQL injection case.

Node.js, MongoDB, Docker, OWASP Top 10

TECHNICAL SKILLS

Backend	Java, Spring Boot, Spring Security (JWT), Spring Data JPA and MongoDB, Spring Cloud Gateway, Flyway, REST
Architecture	Hexagonal, microservices, asynchronous messaging (RabbitMQ, SQS)
Frontend	React, TypeScript, Vite, Tailwind CSS
Data	PostgreSQL, MongoDB, SQL Server
DevOps & quality	Docker, GitHub Actions, JUnit, Mockito, Testcontainers, ArchUnit, k6

EDUCATION

Systems Engineering (5-year engineering degree)
Universidad del Magdalena · 2023 – present · Expected graduation: second half of 2027

CERTIFICATIONS

Network Defense — Cisco Networking Academy · Nov 2026
Endpoint Security — Cisco Networking Academy · Oct 2026
Introduction to Cybersecurity — Cisco Networking Academy · Aug 2026