

Antonio Santiago

Backend Software Engineer

Barranquilla, Colombia | +57 311 861 2730 | Open to Remote

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PROFESSIONAL SUMMARY

Backend Software Engineer with hands-on experience building production-grade systems using Java (Spring Boot 3) and Python (FastAPI). Specialized in Domain-Driven Design, Hexagonal Architecture, and cloud deployments on AWS EC2. Fully bilingual (English C1-C2, Spanish native) with demonstrated ability to lead technical teams, conduct code reviews, and deliver end-to-end software solutions independently.

TECHNICAL SKILLS

Languages: Java (17+), Python, Kotlin, TypeScript, JavaScript (ES6+), SQL, Bash
Frameworks & Libraries: Spring Boot 3, FastAPI, NestJS, React, Angular, Pandas, NumPy
Infrastructure & Tools: Docker, Docker Compose, AWS (EC2, S3), Traefik, Nginx, Git, Linux, CI/CD
Engineering: Hexagonal Architecture, Microservices, DDD, Resilience4j, Flyway, JWT/RBAC, SOLID
Testing: JUnit 5, TestContainers, k6, pytest, Jest, Postman
Spoken Languages: Spanish (Native), English (C1-C2), French (B2), German (B1)

EXPERIENCE

Independent Software Engineer (SaaS Creator)

Self-Employed

Jan. 2024 – Present

Barranquilla, Colombia

- Acted as Lead Architect and Full-Stack Developer for proprietary B2B/B2C SaaS platforms, managing the entire Software Development Life Cycle (SDLC) from requirements gathering to cloud provisioning.
- HexaTask (Live)** | *Java, Spring Boot 3, PostgreSQL, AWS EC2*: Architected a SaaS enforcing strict DDD and Hexagonal Architecture. Conducted k6 load testing achieving a **100% success rate**; proved JWT Refresh Token endpoints were **16x faster** (922ms vs. 15s) than standard BCrypt login, keeping DB CPU under 9%.
- StatioCore (Live)** | *Java, Spring Boot 3, React, Traefik, AWS EC2*: Engineered a scalable parking management SaaS. Sustained **50 concurrent users** at **~45 RPS** with zero OOM failures, maintaining **p95 <190ms** on PostgreSQL reads and a **0% error rate** under k6 stress testing.
- QuantStox (Live)** | *Python, FastAPI, AWS S3/EC2, Pandas, LLMs*: Engineered a distributed financial ETL pipeline decoupling data workers from a Keras inference microservice. Achieved an extraction and ingestion speed of **~350ms per batch** to an AWS S3 Data Lake, and integrated Google Gemini LLMs for real-time sentiment analysis.

Software Engineer / Technical Mentor

Riwi

Apr. 2025 – Jan. 2026

Barranquilla, Colombia

- Engineered backend services in Java and Spring Boot 3, applying Hexagonal Architecture to enforce clean separation of business logic and infrastructure.
- Led technical reviews for a cohort of 20+ developers, driving architectural decisions, mentoring on Microservices, and enforcing enterprise best practices.

Professor of English

Universidad del Atlántico

Sep. 2022 – Dec. 2023

Barranquilla, Colombia

- Designed and delivered structured learning plans for 25+ university students, demonstrating strong communication, leadership, and C2-level bilingual proficiency.

EDUCATION

Politécnico Grancolombiano

Bachelor of Science in Software Engineering

Bogotá, Colombia

Feb. 2025 – In Progress

Universidad del Atlántico

Bachelor of Arts in Foreign Languages

Barranquilla, Colombia

Jul. 2018 – May 2024