Carlos Ignacio Cardozo Peragallo

Junior Java Backend Developer | PostgreSQL | SQL

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PROFILE

Java developer with full-stack experience on SIGAP, a municipal system in production, since June 2025. I built an interactive map with OpenLayers, Java and PostGIS, alongside features using JSP and PostgreSQL. My academic projects include Java 21 and Spring Boot. Seeking remote Java backend or full-stack Java roles.

PROFESSIONAL EXPERIENCE

Junior Software Developer | Municipality of Paraná

Public Lighting Department - SIGAP | June 2025 - Present

- Develop full-stack SIGAP features with Java 8, JSP/Servlets, Hibernate/JPA and PostgreSQL. Maintain features, implement validations and SQL queries, and build statistics on lighting assets, electricity use and invoice spending.
- Built an OpenLayers interactive map with a Java/PostGIS backend: GeoJSON layers, viewport queries, spatial selection, individual and bulk editing, and integration with work-order forms.
- Gather requirements from users and analyze the domain; define solutions and make technical decisions alongside another developer. Organize work in Jira and validate changes through demonstrations.
- SIGAP Facturas AI: developed an invoice data extraction workflow using Python, Ollama and a local multimodal model, integrated with the Java application. The functional workflow has processed invoice batches.
- Developed and deployed SIGAP-RCC automation with Python and Playwright, integrated with Java and PostgreSQL: validation, duplicate checks, record verification and automated component tests.

TECHNICAL SKILLS

Professional work: Java 8, JSP/Servlets, JavaScript, OpenLayers, Hibernate/JPA, PostgreSQL/PostGIS, SQL, Python, Playwright, Git and Jira.

Academic projects: Java 21, Spring Boot, Vaadin, MongoDB, Redis, FastAPI, React and Docker.

INDIVIDUAL ACADEMIC PROJECTS

Movie Reviews | Java 21, Spring Boot, MongoDB and Redis

CRUD application with REST endpoints, services, repositories, a Vaadin interface and Redis caching.

springboot-mongodb-redis-app

Gym Routine Manager | FastAPI, React and PostgreSQL

Routine and exercise management with search, forms and persistence through SQLModel.

gym-routine-manager

EDUCATION

Tecnicatura Universitaria en Programación | UTN Paraná

2024 - Present. University technical program; 17 of 18 courses passed, final project pending.

Diplomatura en Inteligencia Artificial | UTN Buenos Aires

Completed October 2026. AI diploma program, 157 hours. Grade: Sobresaliente (Outstanding).

LANGUAGES

Spanish: native | English: B2 - Cambridge First Certificate in English, 2021.