

Joaquim Augusto Colacilli

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Skills:

- **Backend Development:** Java, Java Spring Boot, Spring Cloud, Microservices, REST APIs, Hibernate, JPA.
- **Database Management:** SQL, PostgreSQL, MySQL, MongoDB, Liquibase.
- **Messaging Systems:** RabbitMQ, ActiveMQ, Kafka.
- **Frontend Development (for integration):** Angular, React, Next.js, Nest.js, TypeScript, JavaScript.
- **API Testing & Management:** Postman, JUnit, Mockito, Swagger.
- **Agile Methodologies & Project Management:** Scrum, Jira, Git, Kanban.

Experience:

NTT Data — Software Developer | September 2022 – Present

- Led the design of scalable distributed systems, applying System Design principles to optimize communication between microservices.
- Designed and developed microservices using Java Spring Boot, ensuring high performance, scalability, and maintainability.
- Built RESTful APIs with Spring WebFlux and Spring Cloud Gateway, implementing resilience patterns like Circuit Breaker and Retry with Resilience4j.
- Optimized queries in PostgreSQL and Oracle databases using compound indexes, query tuning, and Hibernate performance improvements, reducing response times by over 40%.
- Implemented asynchronous processing with RabbitMQ/ActiveMQ, enhancing responsiveness and decoupling critical services.
- Led secure API integration using Spring Security, OAuth 2.0, and JWT, strengthening authentication and authorization mechanisms.
- Refactored legacy applications by applying SOLID principles and design patterns like Factory, Builder, and Strategy, improving modularity and maintainability.
- Integrated frontend interfaces built with React, Next.js, and Angular, ensuring smooth communication with backend services.
- Automated CI/CD pipelines for backend projects using GitLab and Jenkins within containerized environments.

- Deployed microservices in OpenShift clusters, managing resources like ConfigMaps, Secrets, Health Probes, and enabling horizontal scaling.

Education:

Facultad de Ingeniería de la Universidad de Buenos Aires — 2024 – Actualidad

- Licenciatura en Análisis de Sistemas (*en progreso*)

Cursos y Certificados:

- Desarrollo Avanzado de Microservicios con Java Spring Boot (2025)
- Optimización de Performance en Java - Udemy (2024)
- Curso Certificado de Programador Java – Udemy (2024)
- Java & Hibernate - Dominando ORM & Integración con Bases de Datos (2023)
- Desarrollo de APIs RESTful con Java Spring Boot (2023)
- React.js - CoderHouse (2023)
- Node.js con MongoDB - Udemy (2023)
- Angular + OpenAI - Udemy (2023)
- React Native (Expo para Aplicaciones Móviles Multiplataforma) - Udemy (2022)

Idiomas:

- Spanish (Nativo)
- English (Advanced)