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, TypeScript, React, Next, Nest
- Testing & API Management: Postman, JUnit, Mockito, Swagger
- Agile & Project Management: Scrum, Jira, Git, Kanban

Experience:

Software Developer

NTT Data, Buenos Aires, Argentina | March 2024 - Present

- Designed and developed Java Spring Boot microservices, ensuring high performance, scalability, and maintainability.
- Built Spring-based RESTful APIs, leveraging Spring WebFlux, Spring Security, and Spring Cloud to optimize distributed system communication.
- Optimized Java Spring Data JPA queries, reducing database execution time by over 40% through Hibernate tuning, caching strategies, and indexing.
- Implemented asynchronous processing using Java Spring Boot with RabbitMQ/ActiveMQ, improving system responsiveness and decoupling services.
- Led API integrations with Java Spring Security, OAuth 2.0, and JWT authentication, ensuring secure access control across microservices.
- Integrated front-end applications with React, Next.js, and Angular, ensuring seamless communication between microservices and UI components.

- Refactored legacy Java Spring applications, improving modularity, maintainability, and system performance using Spring Core, Dependency Injection, and design patterns.

Junior Software Developer

NTT Data, Buenos Aires, Argentina | September 2022 - March 2024

- Developed and maintained Java Spring Boot microservices, ensuring robust and scalable architectures.
- Designed optimized Java Spring Data JPA CRUD operations, improving database performance with Hibernate Entity Graphs and native SQL queries.
- Migrated monolithic Java applications to a Java Spring Boot microservices-based architecture.
- Implemented secure authentication and authorization in APIs using Java Spring Security, JWT, and OAuth 2.0, ensuring industry-standard security practices.
- Automated database versioning and migrations with Liquibase in Spring Boot applications, ensuring seamless schema updates.
- Performed front-end integrations with Angular and TypeScript, optimizing API consumption and UI responsiveness.

Education

- **Licenciatura en Análisis de Sistemas** *(in progress)*
  Facultad de Ingeniería de la Universidad de Buenos Aires — 2024 – Present

Certifications & Courses:

- Java Spring Boot - Advanced Microservices Development (2024)
- Java Performance Optimization - Udemy (2024)
- Certified Java Programmer Course – Udemy (2024)
- Java & Hibernate - Mastering ORM & Database Integration (2023)
- RESTful APIs with Java Spring Boot (2023)
- React.js - CoderHouse (2023)
- Node.js with MongoDB - Udemy (2023)
- Angular + OpenAI - Udemy (2023)
- React Native (Expo for Multiplatform Mobile Apps) - Udemy (2022)

Languages:

- Spanish (Native)
- English (Advanced)