

# Joaquim Augusto Colacilli

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## Skills:

- **Backend Development:** Java, Spring Boot, Spring Cloud, Microservices, REST APIs, Hibernate, JPA
- **Frontend Development:** Angular, RxJS, TypeScript, Reactive Forms, Lazy Loading, Angular Material, PrimeNG, TailwindCSS, Interceptors, Guards, HttpClient, Advanced Routing, React, Next.js, HTML5, SCSS, NestJS
- **Database Management:** SQL, PostgreSQL, MySQL, MongoDB, Liquibase
- **Messaging Systems:** RabbitMQ, ActiveMQ, Kafka
- **Frontend Integration:** Angular, React, Next.js, Nest.js, TypeScript, JavaScript
- **API Testing & Management:** JUnit, Mockito, Postman, Swagger, Jasmine, Karma, ESLint, GitLab CI/CD
- **Agile Methodologies & Project Management:** Scrum, Jira, Git, Kanban

## Experience:

### Software Developer

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

- Designed and developed microservices using Java Spring Boot, ensuring high performance, scalability, and maintainability
- Built and implemented full Angular modules with RxJS, advanced routing, lazy loading, guards, and interceptors, applying modular architecture principles
- Developed complex reactive forms with custom validations and seamless communication with REST services using HttpClient
- Integrated frontend applications using Angular, React, and Next.js, working with REST APIs built following OpenAPI/Swagger specs
- Built Spring-based REST APIs using Spring WebFlux, Spring Security, and Spring Cloud for optimized communication across distributed systems
- Tuned database performance by optimizing Spring Data JPA queries, reducing execution time by over 40% through Hibernate caching and indexing strategies
- Implemented asynchronous processing with Spring Boot + RabbitMQ/ActiveMQ, improving responsiveness and decoupling services
- Led API security integration using Spring Security, OAuth 2.0, and JWT, ensuring secure microservice access
- Refactored legacy Java Spring applications, enhancing modularity, maintainability, and performance using Spring Core, Dependency Injection, and design patterns

### Junior Software Developer

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

- Developed and maintained microservices using Java Spring Boot, ensuring robust and scalable architectures
- Created frontend modules with Angular, focusing on reusable components, @Input/@Output, custom pipes, and state-controlled navigation
- Built unit and integration tests using Jasmine/Karma for Angular and JUnit/Mockito for backend, ensuring functional coverage
- Designed optimized CRUD operations with Spring Data JPA, enhancing database performance with Hibernate Entity Graphs and native SQL queries
- Migrated monolithic Java applications to microservice-based architecture using Spring Boot
- Implemented secure authentication and authorization in REST APIs using Spring Security, JWT, and OAuth 2.0 following industry best practices
- Automated database versioning and migration with Liquibase for Spring Boot applications
- Integrated Angular with TypeScript to consume REST APIs efficiently and improve UI responsiveness

## Education

- **Licenciatura en Análisis de Sistemas** (*in progress*)

### **Certifications & Courses:**

- Angular: From Zero to Expert – 2025 Edition – Udemy (2025)
- OpenAI with Angular + NestJS – Building AI Assistants – Udemy (2023)
- Complete NodeJS Course with Express, Socket.io & MongoDB – Udemy (2025)
- React Native with Expo – Cross-Platform Mobile Apps – Udemy (2025)
- React + TypeScript – Complete Guide with 10+ Projects – Udemy (2023)
- Modern JavaScript – Build 20+ Projects – Udemy (2025)
- Node.js: From Zero to Expert (Legacy Edition) – Udemy (2023)
- React – Complete Guide with Hooks & Redux in 4hr – Udemy (2023)
- Complete Generative AI Masterclass: ChatGPT, Midjourney & More – Udemy (2024)
- Mastering Spring Data JPA, Hibernate & Java – Udemy (2024)
- Hibernate & Spring Data JPA: Beginner to Guru – Udemy (2025)
- Java Full Masterclass: From Zero to Expert 2025 (+180 hrs) – Udemy (2025)
- Web Development – CoderHouse (2023)
- React Career Path – CoderHouse (2023)
- Node.js Career Path – CoderHouse (2023)

### **Languages:**

- Spanish (Native)
- English (Advanced)