ALEJANDRO AGUILAR GARCÍA

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ABOUT

Results-oriented software developer with 3+ years of experience specializing in backend development using Java and Spring Boot. I've contributed to multiple international projects, focusing on improving system efficiency and performance. My expertise includes designing and implementing RESTful APIs, developing comprehensive automated tests, and adhering to clean code principles. I thrive in collaborative Agile (Scrum) environments and excel at problem-solving and code optimization. I'm currently pursuing full-stack capabilities by learning React and Python automation.

SKILLS

Programming languages: Java, JavaScript (Basic), Python (process automation in progress).
Frameworks: Spring Boot, Hibernate, JPA, React (in progress).
DataBases: MySQL, PostgreSQL.
Testing: JUnit 5, Mockito.
Monitoring: Kibana, New Relic.

WORK EXPERIENCE

Mercado Libre   **Medellín - Colombia**
Software Developer   *Apr 2022 - Feb 2025*

- Feature Development and Refactoring: Implemented new features and optimized existing code using Spring Boot, improving system performance by 5%.
- API Monitoring: Managed monitoring tools like Kibana, Datadog, and New Relic, reducing response times by 3% and enhancing error detection.
- Migration of Testing Frameworks: Successfully migrated a substantial number of test suites from Enzyme to React Testing Library (RTL), improving test efficiency and alignment with current industry standards.
- Technical Documentation: Prepared detailed documentation for developed applications, facilitating onboarding of new team members and increasing understanding of the app by 25%.
- Automated Testing: Developed unit tests using JUnit 5 and RTL, maintaining test coverage at 95% rate and reducing production defects.
- Cross-functional Collaboration: Worked closely with front-end, design, and product teams to ensure delivery of features aligned with customer needs.

Capgemini   **Medellín - Colombia**
Software Developer   *Aug 2021 - Apr 2022*

- Documentation and Training: Created user manuals and training materials for clients, boosting customer satisfaction.
- Web Support and Development: Provided technical support and collaborated on the development of new web modules, enhancing user experience and site functionality.
- Custom Module Development: Implemented custom modules according to specific client requirements, with JPA and Hibernate for efficient CRUD operations.

EDUCATION

Institución universitaria ITM   **Medellín - Colombia**
Systems Engineering   *Graduation Date: Dec 2027*

Mercado Libre Bootcamp   **Medellín - Colombia**
Backend Development with Java and springboot   *Graduation Date: March 2022*

Misión TIC   **Medellín - Colombia**
Backend Development with Python and Java   *Graduation Date: Feb 2022*