Ana María López García

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Professional Summary

Dynamic Java Developer with over 4 years of experience in software development, specializing in Java-based applications and microservices architectures. Proficient with Java 11, Spring Boot, and microservices, and experienced in full software development lifecycle, from concept through delivery. Passionate about developing scalable web applications and optimizing code for efficiency and performance.

Professional Experience

Java Developer
NextGen Software, Guadalajara
March 2019 - Present

Developed and maintained microservices for a cloud-based supply chain management system, resulting in a 20% increase in transaction speed.

Implemented continuous integration and continuous deployment (CI/CD) pipelines using Jenkins and Docker, which decreased deployment failures by 40%.

Leveraged Spring Boot to create and enhance multiple REST APIs, facilitating smoother frontend integration and enhancing user experience.

Junior Java Developer
Innovative Apps Tech, Guadalajara
January 2017 - February 2019

Assisted in the development of a large-scale banking application, improving transaction handling and security features.

Participated in the migration from monolithic architecture to microservices, significantly improving system modularity and scalability.

Supported database management tasks and query optimizations for MySQL and Oracle databases, enhancing data retrieval speeds and application performance.

Education

Bachelor of Science in Software Engineering
Instituto Tecnológico y de Estudios Superiores de Monterrey
2013 - 2017

Certifications

Oracle Certified Associate, Java SE 8 Programmer

Certified Kubernetes Application Developer

Technical Skills

Proficient in Java, Java EE, Spring Framework, and Spring Boot

Experienced in developing microservices and implementing RESTful services

Skilled in CI/CD tools including Jenkins, GitLab, and Docker

Knowledgeable in Kubernetes for orchestration of containerized applications

Strong understanding of relational databases (MySQL, Oracle) and NoSQL databases (MongoDB)

Familiar with front-end development frameworks like Angular and basic web technologies (HTML5, CSS3, JavaScript)

Languages

Spanish (Native)

English (Fluent)