Uday Patlolla

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Dedicated and skilled software engineer with a passion for developing innovative solutions in a collaborative environment. Bringing over 3 years of experience in Java/J2EE development, microservices architecture, and Agile methodologies. Eager to contribute technical expertise and problem-solving skills.

PROFESSIONAL EXPERIENCE:

TCS :   **[Jun 2019 – Jul 2022]**

Systems Engineer

RESPONSIBILITIES:

- Developed a policy management system using **Java** ,**Spring framework and Rest APIs**, allowing underwriters to create, update, and manage policies efficiently. Implemented features such as policy quoting, underwriting, and claims processing.
- Built Java applications using **Maven** and deployed JAVA/J2EE applications .
- Implemented a web-based claims processing system using **Spring Boot**, **Spring MVC**, and **Spring Security for authentication**, ensuring secure access control and data protection .
- Designed and optimized **database schemas** for policyholder information using **JPA** annotations, ensuring efficient data retrieval and storage for insurance policies and customer profiles. Involved in database design and implementation using **Postgres**.
- Performed Web services testing between and third-party applications using **Soap UI**, **Postman.**
- Developed comprehensive unit test suites using **JUnit** for critical components of a financial transaction processing system, achieving over 90% test coverage
- Experienced in working with version control tools like **Git/GitHub**.
- Knowledge on Frontend development using **Angular, JavaScript.**
- Experienced working with Containerization and Orchestration using **Docker** and **Kubernetes.**
- Contributed to the DevOps to automate the build and deployment process using **Jenkins CI/CD pipelines.**
- Experienced working with cloud technologies like **AWS and GCP.**
- Experience in the Agile (**SCRUM**) development process and **Rally Software**.
- Experienced in working with **SonarQube** for code quality and **Veracode** for Security.

EDUCATION :

- **Master's in Computer Science**, Wright State University.   **[Aug 2022- Apr 2024]**
- GPA: 3.6/4
- **Graduate Teaching Assistant** for the algorithms design class.   **[Aug 2023 - Apr 2024]**

SKILLS :

Database Management Systems : DB2,Postgres, MySQL, NoSQL(MongoDB)
Real-time Data Processing : Spark Streaming, Apache Kafka
Version Control Systems : Git
Monitoring Tools : Splunk
Artificial Intelligence and Machine Learning : Projects related to **AI** and **ML** models

CERTIFICATIONS :

- MuleSoft certified developer level 1.