Omprakash Siripolu

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EXPERIENCE

Software Engineer
Mythri Movie Makers   **October 2024 - Present, Hyderabad**
- Developed and deployed a high-performance multi-tenant SaaS application using Spring Boot and React.js, serving 1000+ daily active users across 5+ business clients.
- Implemented schema-based tenant isolation strategy, reducing cross-tenant data access incidents by 100% while improving query performance.
- Optimized driver allocation algorithm using Google Maps API, reducing average passenger wait time and increasing driver efficiency.

Software Engineer
Sage IT Inc   **August 2022 - September 2024, Hyderabad**
- Successfully migrated 50+ TIBCO BW6 applications from on-premises to Azure Cloud for GM Financial
- Reduced deployment errors by 90% through automated CI/CD pipelines and standardized YAML configurations.
- Contributed to the migration service of a multi-microservice architecture platform for integration platforms like TIBCO BW5/BW6, Mulesoft, Dell Boomi, and Web Methods.
- Orchestrated containerization strategy using Docker, successfully deploying 25+ containers on Azure Container Registry

PROJECTS

Cinemate
Mythri Movie Makers • thecinemate.in • October 2024 – Present
- Developed a schema-based multi-tenant SaaS application using Spring Boot and React.js for assigning trips to passengers, with features for allocating the nearest driver based on passenger locations.
- Implemented dynamic tenant management using separate database schemas, enabling secure data isolation between different clients.
- Integrated Google Maps API for calculating distances and handling complex routing scenarios.
- Secured authentication and role-based authorization using Spring Security and JWT tokens.
- Employed Docker for containerization and deployed the application on Azure to ensure scalability and reliability.

SHIP.AI (Sage IT Hub for Integration Platforms)
Sage IT Inc • May 2023 – September 2024
- Contributed to the migration service of a multi-microservice architecture platform for integration platforms like TIBCO BW5/BW6, Mulesoft, Dell Boomi, and webMethods.
- Designed and implemented migration logic using Java 11, Spring Boot, and ChatGPT API to convert TIBCO BW5 XSLT to Mulesoft DWL.
- Created Docker images for application containers and deployed them on Azure Container Registry and Azure Container Apps.
- Optimized source code migration process, reducing migration time from 1 hour (manual) to 15-20 minutes using the SHIP.AI tool.
- Extensively handled XML files for creating target project folder structures and zipping them for database storage.
- Developed basic login functionality with Spring Security and JWT for secure authentication.
- Collaborated on the project using Agile-Sprint and Waterfall methodologies.

TIBCO I/O (International Operations) Upgrade
Sage IT Inc • August 2022 – April 2023
- Migrated TIBCO BW6 projects from on-premises to Azure Cloud for GM Financial.
- Configured YAML files for BW6 applications across multiple environments (SIT, Pre-prod, Production).
- Developed Azure templates, Dockerfiles, and CI/CD pipeline configurations for seamless deployment.
- Automated deployment using Azure Kubernetes, deploying applications into pods.
- Conducted unit testing of deployed services using SOAP UI, ensuring robustness and reliability.

EDUCATION

Bachelor of Technology
Vidya Jyothi Institute of Technology • Hyderabad • 2022

SKILLS

Backend: Spring Boot, Java, JavaScript.

Frontend: React JS, JavaScript, Tailwind, HTML, CSS.

Database: Oracle DB, MySQL DB.

DevOps: Azure, Docker.

Version Control: Azure DevOps, Git