

Rakesh Patoju | Software Developer

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WORK EXPERIENCE

Software Developer | Envision Enterprise Solutions

- Java Backend Developer with 3 years of hands-on experience in designing and developing scalable, enterprise-grade applications using Spring Boot and Microservices architecture.
- Designed, implemented, and integrated RESTful APIs, enabling seamless inter-service communication and faster feature delivery
- Deployed containerized services using Docker and Kubernetes, ensuring high availability, scalability, and efficient resource utilization.
- Automated CI/CD pipelines with Jenkins, significantly reducing deployment time and minimizing manual error.
- Collaborated in Agile teams, delivering features on time and optimizing systems for high availability.
- Optimized backend systems for high performance and availability, resulting in improved user experience and reduced downtime.

SKILLS SUMMARY

- **Programming Languages:** Java, JavaScript
- **Frameworks & Libraries:** Spring Boot, Microservices, Spring MVC, Hibernate, JPA, Vue.js, React.js
- **APIs & Documentation:** RESTful APIs, Swagger, Postman
- **Cloud & DevOps Tools:** AWS (EC2, S3, IAM, RDS, Lambda), Jenkins, Docker, Kubernetes, Apache Kafka, Git, Maven, Gradle, CI/CD Pipelines.
- **Databases:** MySQL, Microsoft SQL Server, PostgreSQL
- **Testing & Code Quality:** Unit Testing (JUnit, Mockito), Jacoco
- **Others:** Linux (Shell Scripting, Server Management), Agile/Scrum Methodologies, Logging & Monitoring (ELK Stack)

PROJECTS

Container Freight Station (CFS)

Jan 2024 – Till Now.

Tech Stack: Java, Spring Boot, Microservices, REST APIs, SQL Server, MySQL, Docker, Kubernetes, Jenkins, GitLab, Vue.js

- Built scalable Spring Boot microservices for freight tracking, scheduling, and warehouse operations, boosting efficiency and maintainability.
- Integrated GPS/IoT for real-time tracking and alerts, improving logistics visibility and reducing delays.
- Automated billing and payments with containerized deployment (Docker + Kubernetes), cutting manual effort and operational costs.
- Enhanced system reliability through CI/CD pipelines and proactive monitoring, ensuring smooth production rollouts.

Container Terminal Operating System (CTOS)

Jan 2023 – Jan 2023

Tech Stack: Java, Spring Boot, REST APIs, MySQL, Docker, Kubernetes, Jenkins, GitLab, Vue.js

- Developed and maintained a monolithic Spring Boot application, improving system efficiency, reliability, and maintainability.
- Implemented core business logic, including freight tracking, scheduling, and warehouse management.
- Streamlined DevOps with automated CI/CD pipelines, ensuring faster and stable production deployments.
- Collaborated with cross-functional teams to deliver critical features on time, supporting smooth terminal operations.
- Enhanced system performance and reliability through database optimization and proactive monitoring.

EDUCATION

Jogaiah Institute of Technologies and Sciences, Palakollu, Andhra Pradesh

May 2022

Bachelor of Technology in Mechanical Engineering (JNTUK)

CERTIFICATIONS & ACCOMPLISHMENTS

- Java (Hacker Rank Certified)
- Spring Boot & Microservices (Hands-on Projects, Self-Learning)
- Docker & Kubernetes (Self-Learning, Practical Implementation)
- AWS Cloud Fundamentals (EC2, S3, IAM, RDS, Lambda) – Self-Learning.