Rakesh Patoju | Software Developer

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🔗 **LinkedIn** | 💻 **GitHub** | 🌐 **Portfolio**

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 and integrated RESTful APIs to improve inter-service communication and accelerate feature delivery.
- Implemented containerized deployments with Docker and Kubernetes for enhanced availability, scalability, and resource efficiency.
- Automated CI/CD pipelines with Jenkins, significantly reducing deployment time and minimizing manual error.
- 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), Jacaco
- **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.