UDAY KUMAR DASARI

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PROFESSIONAL SUMMARY

Experienced Full-Stack Java Developer with 3+ years developing enterprise applications for financial services, banking, and e-commerce sectors. Expert in Java, Spring Boot and performance-driven software development lifecycle management.

TECHNICAL SKILLS

Language: Java/J2EE, Python, JavaScript, TypeScript, SQL, PL/SQL, NoSQL, HTML, CSS, Bash, shell scripting
Backend Frameworks: Spring Boot, Spring MVC, Spring Cloud, Hibernate/JPA, JDBC, JSP, Servlets, REST APIs, GraphQL
Frontend Technologies: React.js, Angular.js, Bootstrap, Jasmine, Karma
Database Systems: Oracle Database, PostgreSQL, MySQL, MongoDB, DynamoDB, DB2
Testing & QA: JUnit, Mockito, Cucumber, SonarQube(code quality), SonarLint, Postman, JIRA, SOAP, Redis
DevOps & Tools: Docker, Kubernetes, Jenkins, Git, BitBucket, Maven, Gradle, Apache Tomcat, JBoss, WebSphere, WebLogic
Cloud Platforms: AWS (EC2, ECS, ECR, S3, RDS, DynamoDB, IAM, Lambda), Azure, GCP
Documentation & API Tools: Swagger, Postman | **Operating Systems:** Linux, Windows, Unix.

WORK EXPERIENCE

Tata Consultancy Services | System Engineer | India   **January 2021 – August 2023**

- Developed comprehensive insurance platform with advanced product catalog, secure payment processing, and policy management capabilities using Angular.js and Java/Spring Boot microservices architecture.
- Architected SOAP and RESTful web services using JAXWS, JAXRS and Spring for seamless integration with third-party systems and legacy applications, reducing data exchange time by **40%** and eliminating manual data entry for 12 legacy systems.
- COBOL mainframe integration failure during renewal season affected 200K+ customers. Diagnosed root cause within 4 hours and built emergency bypass using Spring Cloud Gateway and Apache Kafka.
- Refactored monolithic processing engine into 12 microservices using Java/Spring Boot with Docker, improving deployment speed by **65%** and reducing memory consumption from 8GB to 4GB per instance.
- Implemented automated testing and QA pipeline using Jenkins, Maven, JUnit, and Mockito with Git/BitBucket, increasing code coverage from 45% to **89%** and reducing production bugs by **78%.**

Prolifics | Java Developer | India   **January 2020 – January 2021**

- Programmed critical banking APIs for debit card and term deposit modules using Java/J2EE and Spring Boot with Oracle Database backend, handling withdrawal, deposit, and balance inquiry operations processing 10,000+ daily transactions.
- Delivered transaction monitoring system using Apache Kafka and ActiveMQ, tracking 50,000+ monthly transactions with **98%** fraud detection accuracy for regulatory compliance.
- Led microservices architecture transformation to eliminate monolithic system failures, reducing system downtime from 12 hours/month to 2 hours/month and improving deployment frequency by **300%**.
- Improved peak-hour performance by **30%** through RESTful API refactoring and database query optimization, ensuring consistent response times during high-volume transaction periods.
- Implemented financial data integrity framework achieving zero data inconsistency incidents across all banking operations, reducing audit findings by **90%**, and maintaining 100% regulatory compliance for 18 consecutive months.

EDUCATION

Master of Computer Science, University of South Dakota | GPA: 3.8   August 2023 – May 2025
Bachelor of Electronics and Communication Engineering, PBR VITS | GPA: 3.6   August 2016 – May 2020

PROJECTS

Fitness App using React JS: Created responsive fitness application serving 500+ personalized exercise routines using React component architecture and Node.js backend, achieving 95% mobile compatibility across devices. (Link)

Distributed File System using Python and GRPC: Designed fault-tolerant storage system using Python and gRPC with Quorum Protocol for data reliability across 5 nodes, achieving 99.9% uptime and handling 10GB+ of distributed data. (Link)

AWARDS & RECOGNITION & LANGUAGES

On the Spot Award | TCS | March 2023: Recognized for resolving critical production issues within a 48-hour deadline.
Special Initiative Award | TCS | December 2021: Honored for Leadership in coordinating COVID-19 vaccination drive serving 60,000+ community members.
Languages: English (Full professional proficiency), Hindi (Native), Telugu (Native)