

UDAY KUMAR DASARI

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PROFESSIONAL SUMMARY

Software Developer with 4+ years of experience in **Java/Spring Boot** microservices and monolithic applications. Built applications for **financial services, banking, and e-commerce** with focus on system performance and database administration.

TECHNICAL SKILLS

Language: Java/J2EE, Python, JavaScript, TypeScript, SQL, PL/SQL, NoSQL, HTML, CSS, 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, SonarQube(code quality), SonarLint, Postman, JIRA, SOAP

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

At Home Group INC | Web Developer | USA

August 2024 – May 2025

- Built full-stack e-commerce platform using React (TypeScript) and Java/Spring Boot with GraphQL endpoints, implementing OAuth2/JWT authentication for secure payment processing and reducing data over-fetching by 35%.
- Automated inventory management using event-driven microservices with Oracle Database/PL/SQL procedures, eliminating 40% of manual updates and improving real-time stock accuracy.

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.
- Developed SOAP and RESTful web services using JAXWS, JAXRS and Spring for seamless integration with third-party systems and legacy applications.
- 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.
- Developed transaction monitoring system using Apache Kafka and ActiveMQ, tracking 50,000+ monthly transactions with 98% fraud detection accuracy for regulatory compliance.

EDUCATION

Master of Computer Science, University of South Dakota

2023 - 2025

Bachelor of Electronics and Communication Engineering, PBR VITS

2016 - 2020

PROJECTS

Fitness App using React JS: Built responsive fitness application serving 500+ personalized exercise routines using React component architecture and Node.js backend, achieving 95% mobile compatibility across devices and reducing page load times to under 2 seconds.

Distributed File System using Python and GRPC: Architected fault-tolerant storage system using Python and gRPC with Quorum Protocol for data reliability across multiple nodes.

AWARDS & RECOGNITION

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.