

DHARAM SINGH VISLAVATH

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 3+ years of experience in Java full-stack development and DevOps. Proficient in Java, React.js, AWS, and Azure, with expertise in building scalable, secure applications and optimizing databases. Skilled in RESTful APIs, CI/CD, and microservices. Currently pursuing a master's in computer science at the University of North Texas

WORK EXPERIENCE

Tech Mahindra Ltd. -Software Engineer

Nov 2021 – July 2023

- Improved Java application performance by 30% through multithreading and exception handling.
- Built RESTful APIs with Spring Boot and integrated SQL database using Hibernate/JPA, Serving over 50K requests daily.
- Optimized execution with multithreading, boosting performance by 30% for 15K+ active users.
- Reduced server response time by 25% using Redis caching and load balancing optimization.
- Applied design patterns for system architecture and code reuse, supporting high-traffic applications.
- Collaborated in Agile teams using test-driven development (TDD) practices, improving software quality and minimizing production bugs.
- Developed and deployed Unix/Linux applications, ensuring seamless operations and enhancing system efficiency for thousands of users. Built CI/CD pipelines with Jenkins/Docker; achieved 95%+ test coverage with JUnit/Mockito.
- Refactored legacy code using Java 8+ features, including Streams and Lambda Expressions, improving code readability and reducing boilerplate by 30%.
- Led core business logic development for Java applications, impacting mission-critical processes for enterprise clients.

Nexa systems, Inc. Software Engineer

Jun 2020- Nov 2021

- Developed and deployed microservices-based applications using Java, Spring Boot, React.js, and RESTful APIs, improving system uptime to 99.9% while enhancing UI performance and user experience.
- Optimized SQL queries in PostgreSQL and MongoDB, reducing execution time by 40% through the implementation of indexing, query optimization techniques, and caching strategies.
- Designed and deployed containerized applications with Docker and Kubernetes, enhancing system reliability.
- Implemented serverless solutions using AWS Lambda and DynamoDB, cutting infrastructure costs
- Enhanced GitLab CI/CD pipelines, reducing release cycles by 50%, and integrated security best practices into the SDLC within Agile/SecDevOps teams.

SKILLS AND INTERESTS

- **Programming:** Java, Python, JavaScript, Typescript, Node.js, React.js.
- **Database:** PostgreSQL, MongoDB, MYSQL.
- **Libraries/Frameworks/tools:** HTML, CSS, Next.js, React.js, Spring Boot, Git, Jenkins, Postman, ServiceNow. Hadoop
- **Cloud Technologies:** Amazon web services (EC2, S3, Lambda), Microsoft Azure.
- **Development practice:** Data Structures and Algorithms, CI/CD, Automation, Design patterns, SDLC, Code reviews, OOPs.

PROJECTS

Real-time Chat Application

Nov 2024

- Developed a real-time chat application with secure user authentication using Spring Security and WebSocket's, enabling low-latency messaging and improving communication speed by 40%.
- Optimized database management with Spring Data JPA and created a responsive UI using HTML, CSS, and JavaScript, increasing user engagement by 30% through improved UX.

Machine Learning-based Recommendation System

May 2024

- Engineered a machine learning-based recommendation system using Spring Boot, TensorFlow, and React for the frontend, achieving a 30% increase in user engagement by analyzing past purchases and preferences.
- Integrated TensorFlow with Spring Boot via a RESTful API, delivering real-time personalized product recommendations, resulting in a 25% improvement in user satisfaction.

EDUCATION

University Of North Texas, Texas, United States

Aug 2023-May 2025

Master of Science in Computer Sciences.

CGPA:3.6

- Coursework: Fundamentals of Database, Software Engineering, Computer Algorithm, Big Data, and Computer Networks.