Abhishek Gudala
Software Engineer
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SUMMARY

- 3+ years of Software Engineer experience, proficient in all phases of the web application lifecycle, including design, development, implementation, deployment, and maintenance.
- Proficient in various Spring modules like Spring Boot, Spring ORM, Spring JPA, and Spring Integration, facilitating rapid development and integration of enterprise applications.
- Experienced in designing and deploying scalable cloud-based web applications on AWS platforms, leveraging cloud services to optimize application performance and reliability.
- Excellent in database management with extensive experience in MySQL (SQL & PL/SQL) and NoSQL (MongoDB).

EDUCATION

Masters in Computer Science | University of Memphis, Memphis, Tennessee

B.Tech in Information Technology | Anurag group of institutions, Gatkesar, Telangana, India

TECHNICAL SKILLS

- **Methodologies:** SDLC, Agile, Scrum-Ban, KanBan
- **Programming Language:** C++, Java, Ruby, Python, SQL, JavaScript
- **Frameworks/Libraries:** Spring Boot, Spring MVC, Spring Data JPA, Spring Cloud, Express.js, React.JS, Ruby on Rails, GraphQL, OAuth 2.0
- **Cloud:** AWS (SQS, SNS, S3, EC2, Lambda, CloudFormation)
- **Database:** MySQL, PostgreSQL, MongoDB, Oracle
- **Tools:** Jenkins, Docker, Kubernetes, SOAP UI, Git, GitHub, Swagger UI, RabbitMQ, Mockito

WORK EXPERIENCE

JPMorgan Chase & Co., CA| Software Engineer III **Jan 2024 – Present**

- Optimized React components using memoization and code splitting techniques, resulting in a 10% reduction in bundle size and improved application performance.
- Designed and implemented one-click rack maintenance infrastructure allowing no-touch evacuations during power down maintenance events with negligible availability drop.
- Collaborated with cross-functional teams to mitigate 20+ Large-scale Scale Events upholding maximum customer availability during high-traffic global events in large-scale distributed systems.
- Designed and implemented automated distress handling for inconsistent journal-backed replicas reducing weekly operator effort from 20 hours to 1 hour and ticket count from 30 to 2.
- Created 17metric dashboards monitoring critical health, availability, downtime and cross-replica consistency metrics and deployed successfully to 32 AWS regions.

[24]7.ai, India | Software Development Engineer **Nov 2021 – Dec 2022**

- Enhanced the Answers platform, optimizing chatbot responses by incorporating customer-entered keywords, resulting in a 20% decrease in support inquiries and significantly improving customer satisfaction metrics.
- Collaborated with cross-functional teams to identify and prioritize enhancements for the Answers platform, increasing user engagement and overall platform performance.
- Implemented automated testing procedures, resulting in a 30% reduction in software defects and improved product reliability.
- Led the integration of machine learning algorithms into the Answers platform, boosting the accuracy of responses and enriching the user experience.
- Developed unit and integration tests using Spring Boot Test and Mockito, achieving 25% code coverage and significantly reducing bug occurrence in production.

Kpit Technologies, India | Associate Software Developer **May 2020 – Oct 2021**

- Employed Java code with a React.JS application using a framework like Redux and Context API, facilitating efficient data management and state updates.
- Improved and managed the CI/CD pipeline using Jenkins and Docker, implementing automated testing and deployment within an agile development framework for seamless backend changes integration and delivery.
- Used Spring Security, JWT, OAuth 2.0 and LDAP to establish robust authentication and authorization frameworks for applications.
- Collaborated with stakeholders by sharing Postman collections and documentation, facilitating clear communication and understanding of API functionalities.
- Generated Java Spring Boot REST APIs that seamlessly integrated with AWS RDS databases to deliver real-time data to client applications.
- Increased data query performance by 40%, optimized indexes, and utilized aggregation pipelines in MongoDB, leading to faster report generation and user response times.