

Abhishek Gudala
Software Engineer

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SUMMARY

- 4+ years of Software Engineer experience, proficient in all phases of the web application lifecycle, including design, development, implementation, deployment, and maintenance.
- Expertise in dynamic web experiences using diverse technologies like Python, Java, JSON, HTML5, JavaScript, React.JS, Node.JS and JQuery, delivering tailored solutions for unique needs.
- 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

Aug 2024

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

Jun 2021

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

- Designed and implemented end-to-end Encryption at Rest automation for new regions allowing reduction in global build and availability time from 3 months to 1 day.
- Implemented various API integrations for backfilling all existing virtual nodes in 32 geographic regions resulting in +5MM savings in fault detection.
- Developed backend infrastructure for detecting and healing hidden replica inconsistencies and subpar faults allowing automated recovery with zero operator intervention reducing replica subpar time from 1 day to 1 hour.
- 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

Aug 2019 – Oct 2021

- Utilized React concepts like hooks and functional programming to construct reusable and maintainable components, reducing development time by approximately 10%.
- Performed system health checks on hardware and integrated software frameworks, enabling early identification and resolution of potential issues to maintain optimal performance.
- Automated application deployments to AWS Elastic Beanstalk with CI/CD pipelines, resulting in 30% faster deployments and reduced manual effort.
- Leveraged a GraphQL API server using graphql-http library for optimized querying from MongoDB, elevating throughput by 8% and ensuring efficient data transfers between client and server sides.
- Led the creation of high-performing, scalable web applications by championing Spring framework-based REST API clients for seamless cloud service integration and robust front-end/back-end development.
- Executed MongoDB schema and Inventing services to store and retrieve user data from MongoDB for application on devices.