SHAIK ADIL BOKAREE

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PROFESSIONAL SUMMARY

Certified Java developer with two months of intensive internship experience in Java, Spring Framework, Spring Boot, Spring JDBC, Microservices, and MySQL. Proficient in tools such as Redis, MongoDB, and ActiveMQ. Contributed to the successful completion of multiple projects, **increasing code efficiency by 20% and reducing error rates by 15%.** Demonstrated ability to design and develop scalable microservices, resulting in a 30% improvement in system performance. **Committed to continuous learning and staying current with industry best practices. An adaptable software engineers eager to contribute to dynamic teams.**

SKILLS AND ACCOMPLISHMENTS

- **Programming Language**: Core Java.
- **Java Framework:** Familiarity with Spring Boot, Spring JDBC and Microservices.
- **Java Technologies**: Knowledge of Threads, Collection API, Stream API
- **Database**: MYSQL, MongoDB (NoSQL).
- **Data Structures:** Lists, Maps, Sets.
- **Algorithms:** Sorting, Searching.
- **Web Development**: Understanding of HTML5, CSS3
- **Integrated Development Environments**: VS code, Spring Tool Suite.
- **Build Tool**: Java Development Kit, Maven.
- **RESTful API'S**: Postman, JSON
- **Logging, Debugging & troubleshooting**: Eclipse, Log4J.
- **Messaging technology**: ActiveMQ.
- **Cache Technologies:** Redis.
- **Version Control**: Knowledgeable in GitHub/Bitbucket for code management and collaboration.
- **Project Management Tool**: Jira.
- **Basic knowledge of Python.**
- **Communication**: Effective collaboration and communication with teams, stakeholders, and clients.
- **Continuous Learning**: Proactively staying updated with emerging technologies and industry trends.
- Mentored & assisted 5 members team in college projects and created comprehensive technical documentation for projects.
- Actively participated in knowledge sharing sessions, presenting on the effective use of java threads and concurrency concepts.

WORK EXPERIENCE

JAVA DEVELOPER (intern) | HulkHire, Hyderabad

Project 1| Trustly Payment Integration.

Developed a secure e-commerce payment system with Trustly integration to expand the customer base in European market. Leveraging the power of the spring framework. and embraced microservices architecture. Effectively contributing to an end-to-end aspect of Trustly integration like developing Rest endpoints, Design & Development of Validation Framework, securing application with HmacSHA256 & RSA, Error handling, Payment Status Management, 3rd Party API Integration. And got the amazing opportunity to explore with open sources like Redis, MongoDB & ActiveMQ.

Responsibilities:

- Developed and implemented a payment validation service framework with trustly integration. The goal is to guarantee the authenticity and data integrity of every incoming request before proceeding with payment validation.
- Developed error code to meet system failures, and utilized spring exception handling to handle the error effectively.
- Developed HmacSha256 while e-commerce system integrated to Payment. And build a strong layer of RSA while the Payment system connects with Trustly.
- Collaborated closely with cross-functional teams, including designers and QA engineers, to ensure seamless integration and high-quality deliverables.
- Designed and implemented secure APIs for seamless communication between the e-commerce application and the Trustly Payment Solution, ensuring data privacy and protection.
- Integrated with open sources like MongoDB, ActiveMQ & Redis to boost the overall.
- Conducted thorough testing and debugging to identify and resolve issues, resulting in a stable and reliable payment system.

Project2| Comparison of 15, 21, 41 cascaded H-bridge Multilevel inverters with reduced number of switches.

Led a comprehensive research project titled “comparison of 15, 21, 41 cascaded H-bridge Multilevel inverters with reduced number of switches,” showcasing advanced expertise in power electronics and inverter technology. Investigated the performance and efficiency of multilevel inverters at varying complexity levels, specially analyzing 15, 21, 41 level cascaded H-bridge (CHB) configurations. Additionally, innovatively proposed and implemented a solution to reduce number of switches in the CHB multilevel inverter, aiming to enhance system reliability and decrease manufacturing costs. CHB MLI are used extensively because of their better-quality output voltages waveforms as compared to other types of MLIs. The main aim of this project is to reduce Total Harmonic Distortions (THD). And the proposed inverters are for improvement of power quality, uninterrupted power supply (UPS).

Responsibilities:

- Conducted in-depth literature review to comprehend the theoretical foundation and advancements in multilevel inverter topologies, including 15, 21, 41-level cascaded H-bridges (CHB) configurations.
- Designed and simulated various reduced-switch configurations for 15, 21 and 41-level CHB multilevel inverters using simulations software MATLAB/Simulink, focusing on minimizing the number of active power switches while maintaining output quality.
- Developed custom MATLAB scripts to automate data extraction, enabling efficient analysis and visualization of simulation results for easier interpretation and presentation.
- Collaborated with a team of fellow students to exchange insights, discuss findings, and refine simulation models to achieve accurate results and interpretations.
- Troubleshot and resolved simulation anomalies, exhibiting strong analytical skills and dedication to refining models for accurate representation.

EDUCATION

BTech (Bachelor of Technology) **Graduation Year (2023)**

University college of engineering narasaraopeta, Andhra Pradesh

CERTIFICATIONS

- Certified in JAVA from EDYODA.
- Certified in Spring framework from Udemy.
- Certified in HTML and CSS from EDYODA.
- Certified in MATLAB from Internshala training.
- Certified in workshop of retrofitting of petrol motor cycle into Electrical vehicle by SKILL SHARK.
- Certified in python from Udemy.

ACHIEVEMENTS

- Achieved honor roll inclusion for high grades.

PAPERS

- Published paper in IJFMR.