ABDUR RAHMAN SHAIK

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Available starting May 5,2025

Professional Summary

Software Developer with over 2 years of industry experience, proficient in full-stack development and agile methodologies, currently enhancing technical expertise through a Master's in Computer Science

Education

Master of Engineering in Computer Science **Expected May 2025**
University of Cincinnati CGPA: 3.83

Bachelor of Technology in Electronics & Communication Engineering **Jun 2022**
Sreenidhi Institute of Science and Technology CGPA: 3.19

Work Experience

Software Engineer - 1, PHENOM **June 2022-July 2024**

- Developed a Kafka-driven trails/logging feature to capture and store events in Loki, with a Spring Boot endpoint for retrieving data based on user-selected date ranges via a ReactJS UI. Clients such as MERCK and Regions Bank have subscribed to this feature for a fee of $25,000.
- Integrated multiple child applications into a single parent app using Webpack 5's module federation feature, significantly improving deployment speed and efficiency while enhancing application scalability.

Intern, PHENOM **Feb 2022-June 2022**

- Implemented a test and defect management tool that empowers the user to create their test suites, execute the test runs, and maintain the test reports through an automated process, **which led to decrease in defects by 50% across phenom products**.
- Actively participated in team meetings, code reviews and daily stand-ups, clearly articulating ideas, project updates, and feedback. Ensured that my points were understood and that I comprehended others' perspectives.

Skills

Web Dev: ReactJS, Django, Node.js, Spring boot, Maven, Bootstrap, Micro-Front ends (MFE)
Programming Languages: JavaScript, Java, TypeScript, Python, SQL
Database: MongoDB, Postgres (RDBMS)
Deployment: Jenkins CI/CD pipeline and Argocd
Software Architecture: Module Federated Applications and Microservices Architecture
Dev Tools: Git, GitHub, VS Code, IntelliJ, Agile Environment, Postman
Coding Concepts: data structures & algorithms, Object-Oriented Programming (OOPs), RESTful Web Services, JSON

Projects

Load Balancer

- Developed a software-based load balancer using Java and Socket Programming, implementing the Round-Robin algorithm for efficient traffic distribution across multiple servers. Integrated real-time server health monitoring to detect failures and reroute traffic dynamically, ensuring high availability and reliability.
- Demonstrated the system's ability to handle increased workloads and seamlessly scale by adding servers, showcasing its applicability to modern cloud-native environments.

Portfolio:

- Created a personal portfolio website using HTML, CSS, JavaScript, and ReactJS to showcase projects, skills, and experience, offering an interactive platform for professional branding.
- Designed and deployed the site via GitHub Pages, ensuring easy access and a responsive user interface across multiple devices.

Personal Job Portal:

- Developed a full-stack job portal application that enables seamless job posting and management functionalities, ensuring a smooth user experience.
- Integrated open job details APIs on the backend with Java and Spring Boot, and displayed job openings on the frontend using JavaScript and ReactJS for dynamic and efficient data handling.

Module Federated Apps:
- Developed and integrated module federated applications by exposing multiple remote apps as child apps and seamlessly embedding them as separate React components in the host app using Webpack's module federation.
- Reduced code duplication by 30% and build times by 20%.

To-Do-List:
- Developed a responsive To-Do List application using ReactJS for the frontend and Spring Boot for backend APIs, enabling seamless task creation, deletion, and updating with real-time data synchronization.
- Implemented user-centric features, including dynamic task categorization and priority settings, leveraging RESTful APIs for efficient data management and ensuring a streamlined user experience.

Accomplishments

- Passed Hacker Rank FrontEnd Developer (React) certification examination.
- Ranked in State top 3% (amongst 2,23,000 candidates) in Engineering Agricultural and Medical Common Entrance Test (EAMCET) - 2018.
- Scored 76% in final assessment on Web Development training offered by Internshala.
- Awarded 'Certificate of Appreciation' for organizing 'SREEVISION-2019' event conducted by ISTE-SNIST.

Languages

English, Hindi, Urdu, Telugu