ABDUR RAHMAN SHAIK

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Available starting May 5, 2025

Education

University of Cincinnati	**Aug 2024 – Apr 2026**

Master of Engineering in Computer Science

Sreenidhi Institute of Science and Technology	**Aug 2018 – Jun 2022**

Bachelor of Technology in Electronics & Communication Engineering
CGPA: 3.19

Work Experience

Product Development 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 "WORKUS" 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**

- Involved in development of 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, clearly articulating ideas, project updates, and feedback. Ensured that my points were understood and that I comprehended others' perspectives.

Skills

Web Dev: ReactJS, Spring boot, Bootstrap, Micro-Front ends (MFE)
Programming Languages: JavaScript, JAVA, Typescript, Python
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, Intelli, Agile Environment, Postman.
Coding Concepts: Data structure and Algorithms, Object-Oriented Programming (OOP), RESTful Web Services

Projects

Module Federated Apps:

- Implemented 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%.

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.