

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

University of Cincinnati

Expected Apr 2026

CGPA: 3.83

Bachelor of Technology in Electronics & Communication Engineering

Sreenidhi Institute of Science and Technology

Jun 2022

CGPA: 3.19

Work Experience

Product Development Engineer, 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, 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.