Afroz Mohammad

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Skills

Programming Languages :	Java, JavaScript, Python, C
Web Technologies:	Node.js React.js, Express.js, Redux, SpringBoot,Spring Security REST APIs, GraphQL, Hibernate ORM, AWS(EC2, Lambda, S3, RDS)
Databases:	MySQL, MongoDB, PostgreSQL
Tools and Methodologies:	IntelliJ, VSCode, Eclipse, GitHub, Postman, Bitbucket

Work Experience

University of Cincinnati - School of Information Technology   **Cincinnati, OH**
Software Application Developer   *Dec 2023 - Present*
- Designed and delivered new features for a Sentencing Entree Platform facilitating judges and court staff to seamlessly enter and maintain sentencing data.
- Developed modular and reusable components to build responsive user interface using REACT JS and Utilized Node JS for server-side development, Implemented RESTful APIs to optimize client-server communication, thereby reducing API response times by 25%.
- Collaborated with a cross-functional team of 6 members during bi-weekly sprints, maintaining efficient version control and achieving a 90% on-time delivery rate for enhancements and bug fixes.
- Actively participated in the team's Git workflow, maintaining version history for project documentation and facilitating seamless collaboration among team members.

Tata Consultancy Services   **Hyderabad, India**
Systems Engineer   *Oct 2021 - Aug 2023*
- Evaluated project requirements using Agile and Scrum principles, effectively prioritizing development activities and improving project management efficiency by 30%.
- Engineered over 20 custom responsive web pages using React JS, successfully replacing a legacy line of business web application and enhancing user interaction by 20%.
- Developed and integrated REST APIs using Java and Spring Boot, improving client-server communication speed and reliability by 15%.
- Administered PostgreSQL databases, ensuring optimal performance and data integrity across multiple environments.
- Configured and maintained AWS services, including EC2 and S3, to support scalable and reliable application hosting.
- Sought guidance from senior team members, reducing the learning curve by 30% and participated in code reviews, ensuring code quality and consistency across the team.

Techwave Consulting India Private Limited   **Hyderabad, India**
Software Developer Intern   *Dec 2020 - June 2021*
- Created a personalized resume generator that compiles individual information across predefined categories into a professional PDF resume.Built reusable components such as Login, Signup, and Profile using React.js, increasing development efficiency by 20%.
- Conducted extensive testing, generating over 50 resumes to validate functionality and user experience, ensuring seamless performance and user satisfaction.
- Completed 50 hours of extensive training on React.js, Java Spring Boot, and SQL, achieving proficiency levels of 90% in each technology.

iLead-AppletonInnovations   **Hyderabad, India**
React JS Developer   *June 2020 - Dec 2020*
- Spearheaded the development of iLead, an innovative educational platform designed to guide learners towards successful careers by integrating unique teaching methodologies with personalized career trajectories
- Directed the implementation of user-centric features within iLead, utilizing React.js to create frontend components and libraries which resulted in reducing development time by 10%.
- Optimized the performance of existing React.js components in the application, achieving a 40% reduction in page load times and ensuring compatibility across various web platforms and browsers.

Education

University of Cincinnati   **Cincinnati,OH**
*Master of Science in Information Technology; **CGPA: 3.97/4***   *Aug 2023 - Present*
Rajiv Gandhi University of Knowledge Technologies(RGUKT-Basar)   **Telangana,India**
*Bachelor of Technology in Computer Science and Engineering; **CGPA: 3.4/4***   *June 2017 - May 2021*

Certifications

- Programming in Python - National Programme on Technology Enhanced Learning
- Programming in Java - National Programme on Technology Enhanced Learning

Leadership

- Student Coordinator for AntahPragnya (technical fest organized at my university - RGUKT,Basar) in 2021.
- Was a Mentor for a workshop on "Application development through Flutter" at my university - RGUKT,Basar .
- Acted as President for a coding club and organized over 20 inter university coding challenges.