Mohammad Rasool

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SUMMARY

Software developer with expertise in JavaScript, REST APIs, and other JavaScript frameworks, including Express, React. Leveraging strong foundations to implement cutting-edge software development methodologies.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C.
Front-End: HTML5 , CSS3 , Bootstrap4, Material.UI, React.js, Redux.
Back-End: Node.js, Express.js, REST APIs.
Database: MongoDB, MySQL.
Development Tools and Environments: Visual Studio Code, Git/GitHub, Eslint, Jest, POSTMAN, Swagger.
DevOps and Infrastructure: Windows, Linux, Docker, Netlify, and Vercel, Render.

EDUCATION

Pace Institute of Technology and Sciences   **Aug 2019 - June 2023**
Bachelor of Engineering in Computer Sciences   CGPA: 7.21/10

Courses: Data structures and Algorithms - DSA, OOPS Concept, Python, Linux Programming.

MNM junior College   **May 2017 - June 2019**
Intermediate   CGPA: 7.9/10

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER - Aadvi Tech Solution, Hyderabad   **Aug 2023 - Present**

- Developed a secure and interactive client website leveraging React.js and Node.js, implementing JWT authentication for robust access control and Nodemailer integration for convenient OTP delivery via email, resulting in a 25% increase in overall security.
- Optimized the end product by enhancing user experience and creating a user-friendly design. Used **Redux toolkit** extensively for state management, optimizing data flow, and enhancing overall application performance by 35%
- Developed REST APIs using **TypeScript**, incorporating diverse functionalities and logical operations by integrating with   **MySQL**.
- Integrated **MongoDB** at the backend infrastructure, significantly enhancing database accessibility and streamlining operations by improving up to 30% efficiency.
- Collaborated on developing the front end for an ATS application, gaining expertise in **Docker**, and contributing to a 20% acceleration in application development.
- Ensured **80%** customer satisfaction by meeting desired requirements and addressing change requests through **Scrum** involvement, including meetings, bug fixes, and code reviews.

PROJECTS

Hospital Management System | *React.js, Node.js, Redux, Jwt token, MongoDB, Express*

- Crafted a Hospital Management System web app with responsive menus, optimizing the checkout flow to elevate user experience.
- Designed and implemented user-profiles and an extensive admin panel, facilitating efficient order management by 40% and comprehensive application control.
- Elevated data management with **MySql**, reducing retrieval time by **25%**.

E-commerce | *Node.js, MongoDB, Express, HTML, CSS, Bootstrap*

- Build a secure and user-friendly e-commerce platform with user authentication, product listings, a shopping cart, checkout process, order management, admin panel, search and filters, and responsive design.

ACHIEVEMENTS & AWARDS

- Achieved 104 Points on freeCodeCamp, successfully completing over 100 problems.
- Earned the 'Pull Shark' badge on GitHub, acknowledging collaborative and impactful contributions.