Umer Rauf

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Objective

Passionate Developer with hands-on experience in building dynamic, user-friendly web applications using React, JavaScript, Python and modern technologies. Eager to contribute to innovative solutions, leveraging my expertise in development, API integration, and collaborative problem-solving to deliver high-quality software.

Skills

- **Programming Languages:** Python, JavaScript, TypeScript, HTML5, CSS3

- **Frontend Technologies:** React, Material UI, NextJS, REST API, GraphQL

- **Tools & Platforms:** Git, VS Code, NodeJS, Mulesoft

- **Soft Skills:** Analytical thinking, problem-solving, communication, teamwork, Agile methodologies

- **Languages:** English (Fluent), German (Basic, A2 in progress)

Experience

Frontend Developer Intern

Allied Consultants, Lahore, Pakistan *April 2023 – January 2024*

- Designed and developed responsive user interfaces using React, JavaScript, HTML, and CSS, ensuring alignment with customer requirements and modern design standards.

- Integrated REST APIs to enable seamless data communication between frontend and backend systems, improving application functionality and user experience.

- Collaborated with cross-functional teams to implement software solutions, resolving technical challenges and ensuring timely project delivery.

- Conducted troubleshooting and debugging, reducing application downtime by 20% and enhancing system reliability.

- Created technical documentation and user guides to facilitate knowledge sharing and onboarding for new team members.

Software Engineer

Hisons Tech, Gujrat, Pakistan *February 2020 – March 2023*

- Built scalable web applications using React, JavaScript, and C, optimizing code for performance and maintainability.

- Developed and integrated REST APIs to enable seamless communication across multiple platforms, enhancing system interoperability.

- Automated repetitive tasks through middleware technologies, improving system efficiency by 30%.

- Worked within Agile teams to deliver robust software solutions, adhering to tight deadlines and ensuring high-quality deliverables.

- Conducted peer code reviews and implemented clean code practices to maintain code quality and consistency.

Projects

Inventory Management System

- Developed a responsive web-based inventory management system using React, JavaScript, and REST APIs.

- Designed an intuitive frontend interface with Material UI, improving user experience and operational efficiency.

- Implemented real-time data updates through API-driven communication between frontend and backend systems.

- Conducted extensive testing and debugging to ensure system stability and compatibility across devices.

Employee Task Tracking System

- Built a task tracking application using React, JavaScript, and REST APIs, enabling employees to manage tasks and deadlines efficiently.

- Designed role-based access controls to enhance data security and user accountability.

- Optimized backend query handling and frontend rendering, improving system performance by 25%.

Middleware Integration Platform

- Designed and implemented a middleware solution using Mulesoft to facilitate data exchange between disparate systems.

- Integrated multiple third-party APIs to ensure smooth interoperability of business processes.

- Documented system workflows and provided training to team members on the use of middleware technologies.

Education

MS in Computer Science (Embedded Systems)   *April 2024 – Present*
University of Siegen, Germany
BS in Software Engineering (Specialization: Web Engineering)   *September 2018 – November 2022*
University of Gujrat, Pakistan

Languages

- English: Fluent

- German: Basic (A2, in progress)

Interests

Frontend development, user interface design, exploring innovative web technologies, traveling, and continuous learning.