Sameer Rehman

Software Engineer

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Summary

I'm a passionate software engineer with a talent for creating scalable, efficient, and user-friendly applications. With expertise in full-stack development, database management, and software documentation, I thrive on solving complex problems and delivering impactful solutions. I approach every project with creativity, attention to detail, and a focus on quality, aiming to make technology more accessible and functional. Excited to contribute my skills to innovative teams and meaningful projects.

Skills

Technical Skills:

- **Development**: HTML, CSS, Bootstrap, Tailwind CSS, Material UI, JavaScript, C++, Java, Node Js,Express,React Js,OOP,DSA,Unity C#,Laravel.
- **Database:** MySQL,MongoDb,SQL Lite
- **IDEs:** Visual Studio Code, NetBeans, Code Blocks, MS Access, MySQL WorkBench,
- **Testing:** selenium
- **API Tools:** REST API, POSTMAN
- **Software Engineering Expertise:** Software Engineering Concepts, Software Quality Assurance, Project Management,Object-Oriented Engineering, Software Testing, Software Documentations.

Education

COMSATS UNIVERSITY ISLAMABAD, LAHORE CAMPUS   *Lahore, Pakistan*

Bachelor of Science in Software Engineering   Jan 2020- Jan 2024

FYP: Quran Translation Teaching Management System-MERN Stack

Relevant Coursework: Programming Fundamentals, Web Technologies, Software Testing, Object-Oriented Programming, Data Structures, Mobile Application Development, Operation System, Database System, Software Requirement Engineering Concepts, Game Development

Professional Experience

Code District   *Lahore, Pakistan*

Associate Software Engineer | June 2024 – Present

- Worked extensively with React.js to develop interactive and user-friendly front-end applications.
- Leveraged Laravel for back-end development, including designing and optimizing relational databases to ensure data integrity and scalability.
- Effectively utilized Jira for task management and project tracking, ensuring efficient workflows and timely deliveries.
- Collaborated with cross-functional teams to implement scalable and maintainable solutions.

Systems Limited   *Lahore, Pakistan*

CRM-Power Platform Intern| April 2024 – Present

- Developed custom Power Apps solutions to streamline business processes.
- Automated workflows using Power Automate to enhance productivity.

ARK Techno Solution   *Lahore, Pakistan*

Intern Freelancer| Aug 2022 – Feb 2024

- Collaborated remotely with ARK Techno Solutions, contributing actively to diverse software development projects.
- Executed database projects, showcasing expertise in Microsoft Access, MySQL, and Oracle Apex.
- Designed and meticulously completed software documentations and UML diagrams.
- Successfully delivered projects utilizing web technologies like Node.js, React, and Express.
- Applied visualization skills in Power BI for query presentation.
- Accomplished mini tasks efficiently in the realm of web development and databases, meeting company requirements.

Projects

- **Swat Fame**
  - Developed dynamic front-end components using React.js and integrated back-end APIs with Laravel.
  - Designed and optimized MySQL databases for inventory and order management.
  - Streamlined supply chain workflows by implementing scalable and maintainable system architecture.

- **Quran Translation and Teaching Management System:**
  - Implemented MERN Stack technology for robust functionality.
  - Translated Quran into 4 authors for diverse perspectives.
  - Crafted a unique Learning Management System (LMS) adhering to government directives.
  - Streamlined course content creation and student records management.

- **Hackathon Website:**
  - Engineered a competition-centric website using SQL Lite, Node.js, HTML, CSS, and JavaScript.
  - Assigned teams and integrated competition-related functionalities for a seamless experience.
- **Sports Club Management:**
  - Orchestrated database management with a focus on SQL.
  - Documented software intricacies for clarity and future reference.
- **HR Management System:**
  - Executed MySQL database design, ensuring optimal functionality.
  - Documented software intricacies for comprehensive understanding.
  - Developed UML diagrams to illustrate system architecture.
- **Quran App Translation:**
  - Utilized Flutter to develop a versatile Quran translation application.
  - Enabled the study of multiple Quran translations for an enriched experience.
- **Game Development Project: Top Gun Fighter:**
  - Created a 3D Fighter airplane game using Unity, emphasizing precision and strategy.
  - Tasked with the objective of destroying enemy planes before reaching the target.
- **2D Dino Jump:**
  - Developed an engaging 2D game on Unity, featuring a dinosaur overcoming challenges.
- **Data Structure Phonebook:**
  - Designed and completed a project based on linked list concepts.
- **UML Diagram for the WebApp:**
  - Crafted UML diagrams and thorough software documentation for a web application.
- **Software Project Management:**
  - Designed and implemented PERT diagrams, Gantt Charts, Network diagrams, and Critical Paths for effective project management.

Extracurricular & Volunteer Experience

Youthee CUI Lahore| Director *Lahore, Pakistan*

- Served as Director of Event/Photographer.
- Fostered collaboration with different societies in CUI Lahore.
- Organized and marketed the Events.

Achievements

Academic Scholarships *Lahore, Pakistan*

- Got the PEEF Scholarship to peruse my 4 years Software engineering at Comsats University Islamabad, Lahore

Additional

- *Interests:* Chess, Guitar, Gaming, Puzzle Solving, Cubic, Software Engineering,MERN Stack, Unity.
- *Languages:* English, Urdu, Punjabi, Pashto