

# 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 – June 2024

- 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.

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## 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.

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## Achievements

### Academic Scholarships

Lahore, Pakistan

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

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## Additional

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