

REHAN ASHRAF

- **Full-Stack Engineer** • Islamabad, Pakistan (GMT +5)
- m.rd7447@gmail.com • +92-3046277508
- linkedin.com/in/rehan

PROFESSIONAL SUMMARY

Full-Stack Engineer with 3 years of experience developing scalable, high-performance applications. Skilled in innovative solutions and effective cross-functional collaboration, ensuring client satisfaction and project success.

EDUCATION

COMSATS University Islamabad

Bachelor of Science in Computer Science (3.19 CGPA)

Relevant Courses: ICT, PF, OOP, DSA, DBMS, OS, AI, ML

Islamabad, Pakistan

2018 - 2022

3.19 CGPA

SKILLS

Programming Languages: Java, Spring Boot, JavaScript, TypeScript, Python, C / C++ / C#
Technologies: Microservices, REST APIs, GRPC, Web Sockets, Web Hooks, Git
Kubernetes, Docker, CI/CD, AWS, Temporal, Express.js, Node.js, Nest.js

Database: Mongo, SQL, NoSQL, MySQL, Postgresql, Firebase

Tools & Methodologies: Git, Jira, Postman, Apifox, Agile

WORK EXPERIENCE

AshSol [Java, SpringBoot, Nest, TypeScript]

Islamabad, Pakistan

FullStack Engineer

June 2024 – Present

- Worked on a fintech application, managing end-to-end transaction processing including ACH, wire transfers, and returns. Implemented and optimized KYC processes using Spring Boot, enhancing compliance, security, and user onboarding efficiency in a highly regulated financial environment.
- Worked on the development of a healthcare application using pure Java, enabling seamless connectivity between hospitals and clearinghouses for insurance claims processing. Enhanced the system's capacity to support multiple clearinghouses, significantly improving the application's adaptability and efficiency in managing complex healthcare transactions.

ZIXEL Technologies [Vue, JavaScript, TypeScript, React, Threejs, Node]

Islamabad, Pakistan

JavaScript/TypeScript Developer

April 2022 – May 2024

- Integrated Unity streaming services into Zetaverse's VR platform using Vue3, enabling advanced communication features, resulting in immersive virtual classes and marketplaces.
- Developed a Vue.js frontend for a Computing Resources Management System with a Go backend, improving resource management, leading to better service delivery.
- Created the front-end of a cloud-based CAD platform using Vue3 and ThreeJS, allowing online CAD operations, which improved accessibility and efficiency.
- Collaborated with marketing to design and implement hybrid email templates, enhancing engagement, significantly increasing web visibility and traffic through SEO.
- Developed the company's official website using Vue.js, ensuring a modern, responsive design, enhancing user experience and supporting branding.
- Tutored and mentored 2 JavaScript internees, providing comprehensive guidance on coding standards, best practices, and advanced JavaScript concepts.

PROJECTS

Banking App [Python, ML, Flask, Node.js, Express.js, React, MongoDB, React Native]

- Developed a full-stack MERN banking app with a mobile version, featuring AI and ML for secure cheque transactions. Users can scan cheques to generate PINs, combining traditional banking with advanced security and convenience.
- Utilized Flask and Python to build and deploy the ML model, ensuring accurate and efficient cheque processing.

- Achieved 95% accuracy in successfully reading cheques, decreasing the time required for cheque transactions by almost 70%. Successfully showcased at the COMSATS Project Expo.

Workforce Pool Question App for Developers [*Node.js, Express.js, ReactJS, MongoDB, WYSIWYG editor, React MUI*]

- Engineered a Stack Overflow-like web platform for workforce communities, enabling users to post queries and share solutions, fostering a dynamic knowledge-sharing environment.
- Successfully increased user engagement and content contribution by 40% through the implementation of modern web technologies and user-friendly features.

Messenger [*.NET, Vue3, Element Plus, Microsoft Websocket*]

- Developed a messenger application using Vue 3, Element Plus UI library, and .NET backend, focusing on real-time communication.
- Utilized WebSockets to ensure real-time updates and instant message delivery, significantly enhancing the responsiveness and interactivity of the messaging platform.

HONOR & AWARDS

ONLINE COURSES AND CERTIFICATIONS

- | | |
|---|-------------|
| • Version Control with Git (Course) – Atlassian | 2022 |
| • <i>React Specialization - Meta</i> | 2023 |

ADDITIONAL

Interests: Gaming, Hiking, Swimming, Book Reading, Cooking | Language: English, French, Urdu, Punjabi