

Syed Khizer Ali

Software Engineer

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PROFESSIONAL SUMMARY

I am a Final Year Software Engineering student at Fast University Lahore. All geared up for joining the software industry and looking for practical work sets, experience gaining and learning to stay on top of the intermedial line. I'm particularly looking for opportunities related to Development and DevOps.

EXPERIENCE

InfoSec Intern | Systems Limited Lahore

06/2023 – 07/2023

I worked closely with the information security department team of Systems Limited on security monitoring, incident and *breach detection*, attack analysis, *firewall intrusion detection* and *encryption technologies*. Documentation and compliance of security policies within the organization was also one of my key responsibilities. I also researched the latest threats, trends and technologies that exist through courses and industry conferences.

Software Quality Engineering Intern | CodeClever Inc

12/2023 – Present

I represent the quality assurance department of the company, playing a key role in test case designing and execution. My tasks involve functional, regression and performance testing along with suggesting UI Improvements. I have also worked on test automation of one mobile application on the *Appium framework*. Lastly, I have also performed test case management and onboarding guide documentation of several applications.

Others Experiences:

- Game Developer Intern at Mindstorm Labs **(06/2022)**
- Web Development Intern at Monodyne Solutions **(05/2023)**
- Business Developer at Narsun Studios **(07/2023)**

EDUCATION

• **BS Software Engineering | FAST-NUCES**

08/2020 – Present

- Completed core courses: Programming Fundamentals, OOP, Data Structures, Databases, Applied Artificial Intelligence and Data Sciences.
- Studied development courses: Software Construction and Development (Java) and Web Engineering (JavaScript)
- Team Lead FutureFest'23
- Media Coordinator Softec'24
- Teacher's Assistant for course Business Process Engineering
- Teacher's Assistant for course Software Testing

• **FSc Pre-Engineering | Kips College Lahore**

04/2018 – 06/2020

- Received Scholarship on 89 Percent Marks

PROFESSIONAL SKILLS

- **QA Skills:** Automation using Selenium, Appium and JUnit
- **Front-End Skills:** HTML, CSS, React, React-Native
- **Back-End Systems:** MySQL, MS SQL Server, MongoDB, Node JS, Express
- **Programming Languages:** C/C++, Java, JavaScript, Python

PROJECTS

▪ **Kashf Financial Services App (React-Native)**

08/2023

- Designed and developed a financial services mobile application as my Final Year Project for an industry client.
- Designed and implemented the Oracle SQL schemas to maintain relationships between tables using primary and foreign key concepts, ensuring data integrity and enabling seamless data retrieval across related entities.
- Designed an easy to use UI for illiterate users and implemented an Urdu based voice activated AI Chatbot.

▪ **Spotify Clone Web Application (MERN Stack)**

01/2023

- Developed a React-based Music application using modern JavaScript frameworks (NodeJS, ExpressJS and Firebase).

- Implemented user-friendly interfaces of both admin and user panels using react components.
- Implemented form validation and error handling to ensure data integrity and consistency.

▪ **Travel Web Application (MERN Stack)**

04/2023

- Developed the frontend and backend of a travel application using Node.js, Express, MongoDB and Postman.
- Implemented standardized folder structure and modular design for efficient code organization.
- Integrated user registration and login functionality, ensuring secure authentication and authorization.
- Created APIs for booking a trip, allowing users to rate their trips.
- Implemented error handling and validation to ensure data integrity and a smooth user experience.