Syed Mashood

Email | LinkedIn | Portfolio | GitHub

An ambitious and results-oriented student with a strong passion for software engineering, cloud computing, and technology. Eager to explore new challenges and continuously expand knowledge in these fields.

EDUCATION

The University of Lahore, Lahore   **2021 – (Jan 2025)**
Software Engineering (BSc) | CGPA (3.2)

WORK EXPERIENCE

Software Engineer intern – Tech For Good (Remote)

- Collaborated within a cross-functional team to create software solutions that advanced healthcare and education accessibility for underserved communities.
- Applied agile methodologies, including daily stand-up meetings and sprint planning, to improve project efficiency and foster effective teamwork.
- Generated user-friendly technical documentation and manuals tailored for diverse user groups.
- Contributed to user-centric software design through wireframe, mockup, and prototype development using design-thinking principles.

ACADEMIC PROJECTS

- Designed and developed a **Java-based Android application** for showcasing **movie information**, including titles, ratings, descriptions, release dates, and more using IMDb **API**.
- Developed **traveling Salesman Problem Solver**, a genetic algorithm-based application to solve the classic traveling salesman problem, optimizing the shortest route for a salesperson to visit a set of cities.

PERSONAL PROJECTS

PolyRenderer (https://github.com/mashinsp/WorkingwithOpenGl): The application uses advanced polygon rendering techniques to create a variety of shapes and graphics. Users can define the number of sides, angles, and dimensions to generate custom polygons with precision.
DiscordClone (https://github.com/mashinsp/Discord-Clone): A Full Stack Project, including features that of Discord with the tech stack (Nextjs, Tailwind css, ShadCN, Prisma, Socket-io, My SQL Planetscale)

CERTIFICATIONS

- Certification in Preparing for **Google Cloud Developer** from Coursera
- Certification in Preparing for **AWS Solutions Architect** from Coursera

SKILLS & INTERESTS

Languages: (Proficient) Typescript, Java, C++, C, JavaScript, Solidity | (Familiar) SQL, Python.
Framework and Libraries: React, AWS, Google Cloud, Node.js, Express.js, MongoDB, Jest, Pandas, scikit-learn, RESTful API, Tailwind CSS, Shadcn/ui, Hardhat.
Tools: Git, CI/CD(GitHub), NPM, Windows, Linux, Grafana, Visual Studio, Android Studio, Slack, JIRA.