Syed Mustafa Hassan

BS in Computer Science, 2025

An independent and self-motivated hardworking individual dedicated towards goals.

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EDUCATION

Bachelors in Computer Science
Mohammad Ali Jinnah University

10/2021 - Present   *3.42*

Intermediate in Pre Engineering
Govt. Degree Collage Latifabad

09/2019 - 04/2021   *91.82%*

WORK EXPERIENCE

React Native Developer Intern
360XpertSolutions ↗

01/2024 - 03/2024

A multinational corporation known for wireless tech & Innovation

Achievements/Tasks

- Developed a debugging tool that enhanced team performance for daily issue triaging, resulting in a 30% reduction in issue resolution time.
- Integrated RESTful APIs and third-party SDKs, improving app functionality by 20%.
- Diagnosed, resolved, and efficiently routed integration issues, including log analysis, exception handling, and root cause identification.
- **Technologies Used:** React Native, React, Firebase, GitHub.

Open Source Contributor
Social Winter of Code ↗

10/2023 - 12/2023

A next-level social media platform for like-minded people connect

Achievements/Tasks

- Gained knowledge and experienced implementation of the Software Development Life Cycle (SDLC).
- I'm among the top 100 contributors, I contributed to multiple web-based projects under the extreme guidance of skilled mentors.
- The project I worked on with the team Creative AI Playground on GenAI Projects.
- **Technologies Used:** HTML, CSS, JavaScript, Python, Tensorflow, Pytorch, Flask, ReactJS, NodeJS, and APIs.

SKILLS

C/C++   Python   GitHub   SQL

Microsoft Azure   AWS   Linux   Android Studio

Java   Problem Solving   Critical Thinking

SELECTED PROJECTS

Multithread Proxy Server (03/2024 - 04/2024) ↗

- Designed a proxy server to handle multiple client requests, with or without storing the response as a cache.
- Implemented multithreaded behavior to handle requests and avoid race conditions.
- Achieved parallel and concurrent processing of different client requests on multiprocessor systems.
- **Skill Acquired:** Multithreaded and Processing, Socket Programming, C language, Computer Networking.

VisionGlyco (01/2024 - 03/2024) ↗

- Utilized convolutional neural networks for blood glucose prediction via iris image analysis.
- Deployed scalable and high-performance models using Azure Virtual Machines.
- Implemented secure cloud storage with Azure SQL Database for long-term glucose trend analysis.
- **Skill Acquired:** Deep Learning, Computer Vision, Azure Cloud Services, Mobile App Development.

CERTIFICATES

AWS Cloud Practitioner (04/2024) ↗
Amazon Web Services(AWS)

Google Solution Challenge (03/2024) ↗
Google

ACHIEVEMENTS

Top Contributor in SWOC (03/2024) ↗
Among the top 0.01% successful candidates

Beta Microsoft Learn Student Ambassador (11/2023) ↗
Ranked in top 0.4% out of ~800 students

Dean's List Of Honor Spring (12/2023) ↗
Dean's Award for Outstanding Academic Performance