

# Muhammad Shehryar Ahmed

Full Stack Dev | Quality Assurance | Software Architecture | Software Engineer (FAST-NUCES KHI)

I am an enthusiastic and keen undergraduate of Bachelors degree from the FAST-NUCES KHI. I am currently looking to secure an entry level Software Engineering position to utilize analytical skills and logic building strategies.

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📍 Karachi, Pakistan (Open for Remote Opportunities)

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📅 10 October, 1999

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## WORK EXPERIENCE

### Contractor Equinix

01/2022 - Present Sunnyvale, California

Equinix, Inc. is an American multinational company headquartered in Redwood City, California, that specializes in Internet connection and data centers.

Troubleshooting Lab Reservation System

- Worked under direct supervision of Senior Manager - (Cloud and Edge Services) to develop AWS Virtual Machines hosted application for the reservation of troubleshooting lab which is used to replicate bugs and errors indicated by the clients.
- Developed a Web Application with backend in PHP and SQL database.
- Developed usecases and designed workflows.
- Wrote bash scripts for linux systems to perform operations and task scheduling
- Developed Python code to govern bash scripts and databases.

## PERSONAL PROJECTS

### Online Clothing Store (01/2022 - 06/2022)

- Developed a PHP project, with standard online shopping functionalities.
- Used SQL Database to manage inventory.
- Interactive and modern looking frontend was designed using Bootstrap.
- Designed and Developed the architecture

### Neural Net Trainer (07/2020 - 01/2021)

- Under the supervision of Associate Professor **Dr. Muhammad Rafi** (muhammad.rafi@nu.edu.pk) developed a C++ based platform to create a desired architecture neural network model.
- Train model and save them for future learning for increased accuracy on the customized dataset.
- Used all core concepts of Data Structures and efficient datatypes and algorithms.

## EDUCATION

### Bachelors of Software Engineering FAST-NUCES

07/2019 - 06/2023

Karachi, Pakistan

Some of the main courses include:

- OOP, DATA STRUCTURES, DATABASE, COMPUTER NETWORKS, WEB PROGRAMMING, AI, BLOCKCHAIN
- **CGPA: 3.33**

## SKILLS

C++/Java Programming

PHP

GIT

Bash Scripting

Process Automation

SQL

Backend Development

ML/AI

PHP

Bootstrap

AWS Cloud VMs

HTML/CSS

JavaScript

Simulation And Modeling

ReactJS

## ACHIEVEMENTS

Teaching Assistant (01/2022 - 06/2022)

Teaching Assistant for the Data Structures Course

Deans List of Honorary Accomplishments  
(07/2020 - 07/2021)

Certificate awarded when student secures a SGPA of 3.5+

## FYP & OTHER PROJECTS

### Darzii (MERN Stack) - FYP (09/2022 - Present)

A project which connects clients with tailors, also includes an online store to buy clothings. The project also has a taste of Computer Vision as a feature which uses machine learning to extract body measurements of clients using image processing.

### Trip Planner (Web Application) (01/2022 - 06/2022)

A PHP Web application aiding people to plan there trips, with interactive UI/UX design and SQL database.

## LANGUAGES

C++

Full Professional Proficiency

Python

Working Proficiency

Java

Professional Working Proficiency

JavaScript

Professional Working Proficiency

PHP

Professional Working Proficiency

HTML/CSS

Professional Working Proficiency

## INTERESTS

AWS Cloud Computing

Virtual Machines

Metaverse

Blockchain

Crypto Currency

Machine Learning

Quantum Computers

Agile Development

Backend Development