Ali Murtaza
Software Engineer

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A Talented Software Engineer with a strong foundation in computer science and a passion for designing and implementing cutting-edge software applications. Equipped with a growth mindset, I am constantly seeking new challenges to expand my technical expertise. Adaptable and quick to learn, I am ready to bring my skills to any project and exceed expectations.

EDUCATION

Bachelor of Computer Science
Namal University Mianwali

08/2019 - Present   *CGPA: 3.52*

Major Courses

- Object Oriented Programming
- Data Structures
- Database Systems
- Web Application Development
- Software Quality Assurance
- Mobile Application Development

WORK EXPERIENCE

Web Developer
Fiverr

01/2022 - 01/2023

Achievements/Tasks

- Developed Web Apps using Flask, HTML, CSS, JavaScript and MySQL.
- One of the Project was to create a Complete Car Rental System.
- Completed 30 Projects Sucessfully.

Volunteer Teacher
Namal Society for Social Impact

08/2019 - 08/2020

Achievements/Tasks

- This was my Volunteer Job in Namal University.
- The main purpose was to teach the College students of Nearby Rural Areas who have little access to technology.
- Helping them to get excellent Grades in College and preparing them for Universities admissions.

SKILLS

Python · JavaScript · Flask · MySQL · SQL Alchemy · MVC · ORM · Git · Github · Linux · Docker · JQuery · Django · CI / CD · AWS · AWS RDS · EC2 · ReactJS · Leadership Skills · Problem Solving

PERSONAL PROJECTS

Bridging the Gap - MLOps (Final Year Project) (08/2023 - Present)

- Developed a System that use Machine Learning Models in Real Time Environment.
- Implemented DevOps techniques for deploying ML Models.
- Created Web Interface Using Flask Server and MySQL as Database using MVC Architecture.

Database for Online Library Management (Python, My SQL) (01/2021 - 07/2021)

- Developed a Database Management System that is used to manage data inlcuding details of books, library members etc.
- Implemented a Recommender System for suggesting books based on Category.

Complain Management System Web Application (Flask, ReactJS) (01/2022 - 07/2022)

- The aim of app was to build Portal for USers Namal to Register their Complains.
- • Used Flask as backend following the Model View Controller (MVC)
- MySQL as database with SQL Alchemy using the Object Relational Model (ORM) Approach with AJAX for Requests.

AI Agent 2D Snail Game (Python) (03/2021 - 08/2021)

- Using Python Arcade Library, Developed AI Agent 2D Game.

ACHIEVEMENTS

Namal University Coding Competition Winner 2023

INTERESTS

Swimming · History & Philosphy · Travelling