

HAMZA SHAHZAD

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BACHELORS IN COMPUTER SCIENCE

Meet a Computer Science graduate with a keen interest in web development using the MERN stack. With expertise in blockchain development using Solidity, cloud computing, and AI. Also, professionally equipped to tackle diverse challenges in the tech industry.

PROFESSIONAL EXPERIENCE

- **FreeLancing Projects in Web Development**

Designed different functional websites for clients

March 2022- January 2023

- **Teaching Assistant for the course Parallel and Distributed Computing**

Spring 2024

- **Active part of NASCON'22 as a Head**

2022

TECHNICAL SKILLS

React

Node

MongoDb

Docker

Smart Contracts

Go Language

Generative AI

MLOps

Software Engineering

.NET Framework

MySQL

DevOps

Cloud Computing

Information Security

Graph Database

java

CERTIFICATIONS

- Langchain for LLM Application Development

PROJECTS

VeteranMeet (ReactJS, MongoDB, NodeJS, ExpressJS) MERN stack social media web app connecting retired professionals

Book Store(ReactJS, MongoDB, NodeJS, ExpressJS)

Cafe Management System (Solidity, Ganache, React, Web3, Truffle) Integrated Smart contracts for cafe management with Web 3 integration.

Blockchain (Golang) Created blockchain and a P2P Network using Golang

Flex Academic Portal (.NET, MySQL , C#) Developed an academic portal utilizing C# for back-end development and .NET Framework for front-end and MySQL as the database.

Supply Demand Forecasting Model (Pandas, Scikit learn, SeaBorn) LinearRegression & decision trees on ride hailing data to optimize driver allocation

Vehicle Management System (Java , JavaFx , MySQL) Developed a management system for different cars using java and frontend on Java fx

String Based Text generation(Gen AI) Generating text using various models like transformers, RNNS and GANS.

EDUCATION

- **2018 O Levels from Bench Mark**
- **2020 A Levels from Roots IVY**
- **FAST UNIVERSITY ISLAMABAD**

Bachelors in Computer Science

Majors: Development , Cloud Computing, Blockchain, Artificial Intelligence, Software Engineering

SKILLS

Hard Working

Problem Solving

Motivated and Energetic

Passionate to Learn

FINAL YEAR PROJECT

Mentorly (MERN)

Mentorly operates as a mentorship platform employing a microservices architecture, linking mentors and mentees seamlessly. Through an API gateway, all our microservices interface with the frontend. These microservices encompass the user portal, CSM, resource management and a recommendation system powered by machine learning algorithms

ACHIEVMENTS

Deans List of honor