Hammad Hassan

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Education

COMSATS UNIVERSITY Islamabad

Lahore, PK

BSc Software Engineering. GPA 3.53

2025

Relevant Coursework: DSA, OOP, Software Architecture, Requirement Engineering, Software Quality Engineering, Web development, Game development

Experience

Zypher Digital

Lahore, PK

Junior Full Stack web developer

11/2023 - 03/2024

- Developed responsive and user-friendly web applications using Tailwind CSS and React
- Developed API using Express and integrate it with Frontend
- Collaborated with a team to implement new features, improving overall website functionality

Chakor Lahore, PK

Full Stack developer Intern

08/2023 - 10/2023

- Implemented Web Scraping to create custom bots using Python.
- Collaborated with senior developers, adopting best practices for code structure and maintainability

Projects

Health Care Web application

My Benefits Guardian

- Developed responsive and user-friendly web application using ReactJS
- Developed backend of the application using Express
- Developed authentication and authorization system
- Collaborated with team for implementing features and improve website performance

Ads Tracking System

- Generated trackable pixel images embeddable in various media i.e. emails and posts
- Implemented click and impression tracking to capture user interactions with the ads
- Built a real-time analytics dashboard visualizing key metrics like clicks and impression

Certification

Coursera (Stanford)

Machine Learning Specialization

Learning: Supervised, Unsupervised Machine Learning, Neural Networks and Reinforcement Learning

Coursera (Google)

Google Data Analytics Professional Certificate

Learning: R (Programming Language), SQL, Tableau, Data cleaning, analysis and flow of Data

Edx (HarvardX) <u>Introduction to probability</u>

Learning: Advanced Mathematical thinking and statistics

Leadership and Activities

Pakistan Youth Team

Lahore, PK

Founding Member

09/2020 - 03/2022

• Organized, Managed and promoted the cause and development of team

• Distributed rations and provided free education to needy people

Skills & Interests

Technical: Python, JavaScript, Java, C/C++, C#, NodeJS, ReactJS, ExpressJS, SQL, MongoDB, Git

Interests: Statistical analysis, Development of AI, Architecture