Zain Latif

Pakistan Citizen | zainlatif702@gmail.com | +923237668916 | LinkedIn: zainlatif702 | GitHub: zainlatif

SUMMARY

Aspiring software engineer with hands-on experience in web development . Skilled in the MERN stack, Python, and AI tools with a strong foundation in computer science. Proven ability to deliver freelance design projects and build real-world applications. Passionate about technology, problem-solving, and continuous learning.

EDUCATION

Govt College University Faisalabad **Faisalabad, Pakistan**
B.S in Computer Science *2021 to 2025*

- **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Database, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics.

Govt Laboratory High School Samanabad Faisalabad **Faisalabad, Pakistan**
Intermediate in ICS *2019 to 2021*

- **Related Coursework:** Computer Science, Physics, Mathematics.

Govt MC High School Samanabad Faisalabad **Faisalabad, Pakistan**
Matric in Computer Science *2017 to 2019*

EXPERIENCE

Graphic designer **Faisalabad, Pakistan**
Freelance *2019 to 2021*

Designed digital graphics, posters, banners, and social media content for clients and community groups.
Assisted in textile design and digital artwork in collaboration with a senior designer.
Delivered high-quality design work using Adobe Illustrator and Photoshop.
Developed communication and branding experience by working directly with clients.

PROJECTS

Mobile Phone Recommendation System

- Developed a mobile-first website that recommends smartphones based on user needs using an AI-powered assistant. The system analyzes key specifications and suggests the best options, serving as an simplified alternative to platforms like GSMArena and WhatMobile. Built with a focus on responsiveness and user-friendly interaction.

Rat Detection System (Computer Vision Project)

Built a binary image classification system using Convolutional Neural Networks (CNN) in Python with TensorFlow and Keras. The model detects the presence of rats in images using a custom dataset. Leveraged CNN's capability to automatically extract spatial features and patterns for accurate classification. Implemented in Jupyter Notebook with real-time testing by adding images in a testing_folder. Technologies used include Python, CNN, TensorFlow, Keras, NumPy, and Matplotlib.

Certification & Achievements

- **Power of Jupyter Notebook** - Microsoft Student Ambassador
- **SQL Database** - HackerRank
- **Python Programming Fundamentals** - HackerRank
- **Problem Solving Certificate** - HackerRank
- **React Basics** – HackerRank
- **Graphic Designing** – SMIT Faisalabad

SKILLS

Languages: JavaScript, Python, Java, C++, HTML/CSS, SQL
Web/Frameworks: Node.js, React.js, Bootstrap
Tools: Git, Jupyter Notebooks, Android Studio, VS Code, Postman
Other: Graphic Design, Adobe Illustrator, Photoshop