Saad Atif

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⭘ itssaad03

Profile

Tech-driven Computer Science graduate passionate about AI, NLP, and software engineering. Experienced in Python, C++, and web technologies with a focus on delivering smart, real-world solutions.

EDUCATION

Islamabad Science School And College

Matric	2017 - 2019
Intermediate	2019 - 2021

Bahria University, Islamabad

Bachelor of Computer Science	2021 - 2025

Relevant Courses
Data Structures, NLP, Cloud Computing, Digital Image Processing

WORK EXPERIENCE

Emerging Systems

Network Support Engineer Intern	01/06/2024 - 30/08/2024

• Supported network configurations, troubleshooting, and maintenance.
• Assisted in system monitoring and performance optimization.

SKILLS

- **Languages:** Python, C++, HTML, CSS
- **Frameworks:** Flask, React.js, Scikit-Learn, NLTK, OpenCV, Pandas, NumPy
- **Tools & Platforms:** Git, VS Code, Jupyter, MySQL, MongoDB, Google Colab, AWS, Windows, Linux

PROJECTS

Disease Detection and Report Generation (FYP)
- Built a full-stack system with React, Flask, and MongoDB for lung disease detection using CNN (ResNet, U-Net).
- Integrated Grad-CAM, saliency maps, and automated PDF report generation.

Hospital management system ↗
- Developed CLI-based app for patient data with login, categorization, and CRUD operations using OOP.

Tik-Tak-Toe – Minmax Alogorithm ↗
- Designed unbeatable AI for a CLI game using recursive Minimax strategy.

Classification of Diabetes Using Various Machine Learning Algorithms ↗
- Used KNN, Neural Networks, and Logistic Regression to predict diabetes on Pima dataset with model evaluation.

Cross-Lingual Information Retrieval (CLIR) for Event Extraction ↗
- Built NLP tool for multilingual event extraction using transformer models and semantic search (React + Flask).

CERTIFICATE

AWS Academy Graduate - AWS Academy Cloud Developing ↗