



# MUHAMMAD SARIM SALEEM

## Details

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## Links

[GitHub](#)  
[LinkedIn](#)

## Skills

- Python
- C++
- Machine Learning (ML)
- Deep Learning
- Flask
- SSMS SQL Server
- Jupyter Notebook
- Google Collab
- Frontend Development

## Languages

Urdu (Fluent)  
Arabic (Basic)  
English (Intermediate)

## Profile

Computer Science undergraduate specializing in AI and Machine Learning, with hands-on experience in building real-world NLP and classification models. Passionate about solving practical problems through data-driven approaches and always eager to learn and contribute to real-world projects or remote teams. *Currently seeking internship opportunities to grow in a practical, tech-driven environment.*

## Employment History

### AI & ML ENGINEERING INTERN, DEVELOPER HUB CORPORATION

MARCH 2025 – APRIL 2025

Worked on various machine learning projects, gaining hands-on experience in-model building, data preprocessing, and applying algorithms to real-world problems

### Intern, Digital Empowerment Network

JULY 2024 – AUGUST 2025

Developed C++ programs focusing on efficient data handling and system management. Project link: [GitHub: sarimsaleem1](#)

## Education

### Bachelor of Science in Computer Science, HITEC University, Taxila

JULY 2022 – JUNE 2026

### Intermediate (Pre-Engineering), FG Science Degree College

JANUARY 2022

## Project

### Fake Jobs Posting Detector

- Built an NLP-based ML tool to detect fraudulent job postings using TF-IDF, suspicious keyword flags, and ensemble models.
- Achieved 97% accuracy using Random Forest and Logistic Regression.
- project: [github](#)

### Image Captioning Model

- Combined CNN + LSTM to auto-generate image descriptions using deep learning.
- Trained on Flickr8k dataset, implemented with TensorFlow/Keras.
- project: [github](#)

### Fake News Detection

- NLP model to classify news as real or fake using logistic regression on TF-IDF vectors.
- Trained on a labeled Kaggle dataset, achieved 95% test accuracy.
- project: [github](#)

### Smart Traffic Flow Management System

#### Smart Traffic Flow System (Parallel Computing)

- Developed a traffic control simulation using multithreading to manage real-time signals.

project: [github](#)

## Air Quality Polutant

- Built regression model to predict pollutant levels from air quality data.

project :[github](#)