

Taha Tahir

I am a passionate developer with expertise in Python, C++, Flask, and Django. I am enthusiastic about Artificial Intelligence and have a strong foundation in building robust web applications and solving complex technical challenges. I am eager to leverage cutting-edge technologies and frameworks to develop innovative solutions.

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EDUCATION

BS Computer Science

FAST NUCES

08/2022 - Present

Courses

- CGPA : 3.81

FSC Pre-Engineering

PAF College Lower Topa

05/2014 - 06/2019

PERSONAL PROJECTS

• University Point Management System Web Application

- Developed an efficient solution using Django & React for a university point system, enabling students to benefit from features such as tracking, online payment, routes, and accessing driver details.

• Chatbot Web Application

- Developed a Library Management System using Flask and SQLite, incorporating Frappe API for seamless book data import and management. Implemented API handling and built features for managing books and members through an intuitive web interface.

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- Developed a Library Management System using Flask and SQLite, incorporating Frappe API for seamless book data import and management. Implemented API handling and built features for managing books and members through an intuitive web interface.

Spin Lock As a System Call in Linux

- The Spin Lock mechanism is a custom system call within the Linux kernel, coded in C++. In a spin lock, the thread simply waits in a loop ("spins") repeatedly checking until the lock becomes available.

Facebook Prototype

- The project is a simplified version of Facebook, designed as a console-based application using C++. It leverages the core principles of Object-Oriented Programming (OOP) to model user interactions and data handling, mimicking basic functionalities of the popular social networking site.

SKILLS

Angular

HTML

Python

C++

Flask

Django

Linux

SQL

Software Design & Analysis

MongoDB

MySQL

ACHIEVEMENTS

Dean's List Holder

I have consistently proved my academic excellence by maintaining a position on the Dean's List throughout the degree program.

Award for Best Database Design

I have earned the prestigious "Best Database Design" award for an innovative and efficient project, outperforming peers across the entire university

CERTIFICATES

Full-Stack AI with Ollama: Llama, Deepseek, Mistral, QwQ (07/2025 - 08/2025)

Certified in Full-Stack AI with Ollama, skilled in deploying LLMs (Llama, DeepSeek, Mistral, QwQ) for real-world applications.

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Artificial Intelligence

Data Science

Software Development

WORK EXPERIENCE

Teacher Assistant

FAST NUCES

02/2024 - 06/2024

Karachi

Digital Logic Design

- Assisting in Lectures
- Grading and Feedback
- Mentorship