Abdullah Niaz

Technical Skills

Languages: Python, JS, C++, Java

Backend Technologies: Django, Django REST Framework, Flask, Node/Express

Databases: SQL, MySQL, PostgreSQLSQLite, MongoDB

Frontend Technologies: HTML, CSS, Bootstrap, Tailwind CSS, GSAP **Data & Visualization:** NumPy, pandas, Matplotlib, Jupyter Notebook **Other Skills:** Git, Github, Postman, Docker, Linux, Problem Solving

Projects

Twiky Github

· Developed Twiky, a minimalist social media platform using Django, showcasing core backend skills.

• Implemented features such as user registration, login, posting tweets, and viewing a tweet feed.

• Demonstrated expertise in user authentication, form handling, and basic **CRUD operations** within a responsive UI.

CRUD Application <u>Github</u>

• Built a **CRUD Application** with **Django**, focusing on creating, reading, updating, and deleting records.

- · Utilized Django's ORM for database interactions and implemented robust user authentication mechanisms.
- · Designed a modular, reusable codebase to ensure scalability and maintainability.

Feedback App Github

- Built a Feedback App using Flask, designed to allow users to submit and manage feedback efficiently.
- Implemented a dynamic feedback form with validation and database storage, leveraging Flask's integration with SQLAlchemy for seamless data handling.
- Designed a clean, user-friendly interface and backend logic to handle feedback review and management.

Awards & Achievements

- Solved over 500+ problems on LeetCode, mastering algorithms and data structures.
- · Worked as a Python Trainer at the iCodeGuru platform.
- Successfully solved <u>Advent of Code</u> 2024 Problems.
- Earned LeetCode badges for consistent performance and problem-solving in contests and challenges.
- Received certificates from LinkedIn Learning for courses on Python, Python Project, Django, and Git/GitHub.
- Completed Responsive Web Design certification from freeCodeCamp.
- Developed a deep understanding of backend frameworks, focusing on server-side logic and performance optimization.
- Organized coding workshops and study groups, fostering collaboration and improving problem-solving skills.

Education

University of Education Lahore

2022 - 2026

Bachelor of Science in Computer Science

Commrade College Basti Malook

2019 - 2021

FSC Pre-Engineering