Taha Iqbal

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EDUCATION

Punjab University College of Information Technology, Lahore - *BS GIS*

2023 - 2027 (CGPA: 3.82)

Punjab Group of Colleges, Lahore - *ICS*

2021 - 2023

SKILLS

- **Programming Languages:** Proficient in Python, Java, C/C++, and JavaScript, PHP
- **Web Development:** Experienced in frontend development using React and Tailwind CSS; backend development with PHP and Node.js, including integration with RESTful APIs and MongoDB.
- **Software Development:** Strong foundation in Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOP).
- **Tools & Platforms:** Skilled in version control with Git and GitHub.
- **GIS Tools:** Solid understanding of ArcGIS.
- **Soft Skills:** Excellent problem-solving abilities, effective communication, and a collaborative team player.

PROJECTS

NavU

Tech Stack: Python, NetworkX, NumPy, Matplotlib
- Built a room-to-room navigation tool using Python and Dijkstra's algorithm
- Visualized floor plans and paths with Matplotlib
- Used NetworkX and NumPy for efficient graph-based pathfinding

Forkast

Tech Stack: HTML, CSS, JavaScript, Spoonacular API
- Developed a recipe and meal planning web app using HTML, CSS, and JavaScript
- Integrated Spoonacular API for real-time recipe data
- Enabled users to create and save custom weekly meal plans using local storage

Flashify

Tech Stack: React, Node.js, MongoDB, JWT
- Built a full-stack web app where users can create, edit, and save flashcards securely.
- Implemented user authentication with JWT and managed data via RESTful APIs and MongoDB.