

Muhammad Taha Khan

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[Portfolio](#) | [GitHub](#)

Professional Summary

Highly motivated Computer Science student at NUCES-FAST Karachi. Currently I've completed my 5th semester with a strong academic record. I'm passionate about technology and possess a strong foundation in computer science principles. I've actively participated in various projects (refer to the Projects section) that allowed me to gain practical experience and hone my problem-solving skills. Eager to learn and grow in a fast-paced environment. I'm a sincere and dedicated individual who thrives in collaborative settings.

Education and certifications

- **BS-CS** (Currently enrolled): In NUCES-FAST Khi, *maintaining a CGPA of 3.76*
- **HSC part II** (2022): From Dehli Govt. College, ended the remarkable journey with 91%
- **SSC part II** (2020): From Mulberry Grammar Secondary School, successfully *secured 82%*
- **Python for Data Science and AI** (2023): Authorized by IBM through Coursera
- **Developing Front-End Apps with React** (2023): Authorized by IBM through Coursera
- **Introduction to Web Development with HTML, CSS, JavaScript** (2023): Authorized by IBM through Coursera

Projects

- **Food On The Go:** [GitHub Link](#)
It is a web-based, interactive, and efficient food ordering system built on core database concepts. The system supports four distinct roles, enabling functionalities ranging from adding restaurants to placing and delivering orders.
- **Pong Game:** [GitHub Link](#)
Being the first project experience, this project was very exciting for me. We began with no prior knowledge or experience, and used *fundamentals of programming* to build different components of this game. Finally, we developed a ball and pad game with different difficulty levels and the ability for users to create profiles.
- **Vertex:** [GitHub Link](#)
This project demonstrates the use of Object-Oriented programming. The SFML library was utilized to design an interactive user interface. The final application was a platform-based game with different characters.
- **Konnect App:** [GitHub Link](#)
This app uses different data structures to create an efficient *network that connects people to solve problems*. Graphs are a key data structure that makes this network work. Users can log in or sign up to use the app and post their problems. They can also help others by responding to their problems.
- **BillEase:** [GitHub Link](#)
This application allows you to track and validate your slips. It represents a small collaboration project during my *React.js journey*. You can maintain different types of slips and easily download them.

Familiarities

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| • C/C++ programming | • Python |
| • Object-oriented programming | • HTML, CSS, and Javascript |
| • Data structures, SQL, Database | • React js, Express js, MongoDB |
| • Unix-like operating system | • Software Developing frameworks |