WAGHIB AHMAD AARISH

SOFTWARE ENGINEER

(+92) 313-7003522 | waghibahmad30@gmail.com | linkedin.com/in/waghibahmad | waghib.github.io | github.com/Waghib

Professional Summary

I am a computer science student with hands-on expertise in C++, JavaScript, SQL, and Python. Passionate about knowledge-seeking through workshops and coding events. Seeking a dynamic role in web development where I can evolve continuously and contribute to innovative projects.

Education

National University of Computer & Emerging Sciences [FAST NUCES]   *2021 - Present*

BS COMPUTER SCIENCE

Relevant Courses: Data Structures and Algorithm, Operating System, Software Design and Analysis, Database Systems, Web Programming, Artificial Intelligence.

Experience

FAST NUCES

TEACHER ASSISTANT   *Oct 2023 - Dec 2023*

- Designed database schemas for modules like Employee Management and Shift Scheduling, Reports Generation and Payroll Management and Reports Generation.
- Demonstrated Database Systems concepts to students and enhanced their knowledge with hands-on practice in SQL, PLSQL

Projects

Israel-Palestine Fatalities   *Python, Tkinter, Numpy, Pandas, Matplotlib, Seaborn, Statistics*

- Performed in-depth analysis of Israel-Palestine fatalities data, uncovering trends and patterns using data visualization and statistical techniques.

Student Management System   *C++, .Net, SQL, PLSQL, Oracle*

- A desktop application that efficiently manages all the records, data and communication between students, teachers, and admins.

AI Image Generator   *Python, Tkinter, OpenAI API*

- Built a user-interactive AI image generator application allowing users to generate custom visuals from text descriptions.

Notepad   *C++, Huffman Encoding, Trie Trees*

- Developed a text editor on which users can write, store, and load data, with the feature of giving suggestions to users based on the input.

Green Cart   *JS, Mongo DB, Node.JS, Espress.JS, REACT.JS, SQL*

- Online shopping platform by exclusively offering sustainable products, promoting a greener future while ensuring a seamless user experience.

Skills

Web Development (JavaScript, Node, Express, React, MongoDB, MVC Architecture, AJAX, Django), **Desktop Development** (Tkinter, .Net Framework, PYQT5), C++, C#, Python, Git and Github, Oracle database, mysql, OpenAI API.

Awards & Honors

AKU-EB, KARACHI   Merit Based **Scholarship** in Matriculation & FSC for retaining above **70% marks**.   *2017- 2020*

Hobbies & Interests

- Sports
- Technology blogs
- Gaming