Tanees Ahmad

Software Engineer

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Professional Summary

I am a computer science student with hands-on expertise in C++, JavaScript, Python, and SQL, complemented by academic accolades including Dean's List recognition, and scholarships. 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

FAST National University of Computer & Emerging Science, *B.S Computer Science*   Sep 2021 - Present
GPA: 3.29

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

Work Experience

FAST NUCES   **Faisalabad**
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

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.

Contact Book   **C++, STL**

- Developed a Contact Book like WhatsApp where a person can call, text anyone or can make group with other contacts.

Notepad   **C++, Huffman Encoding**

- Developed a text editor on which users can write and store data with the feature of giving suggestions to users when writing data.

Fitness Challenge Generator   **JavaScript, MongoDB, Node.JS, Express.JS, React.JS, SQL**

- A web application that provides users with a personalized and enhanced fitness experience, encouraging them to adopt a healthier lifestyle.

Comparative Analysis of Perceptron Learning Rule and Gradient Descent Delta Rule on Iris Flower Classification   **Python**

- In this project, we experimented with different activation functions and learning rates to optimize the accuracy of the models and understood how these algorithms behave when applied to a real-world dataset and to explore ways to improve their performance.

Skills

Python Development
Web Development (HTML, CSS, JavaScript, Node.JS, Express.JS, React.JS, MongoDB, SQL, MVC Architecture, AJAX, Git)

Awards & Honor

AKUEB	**Merit Based Scholarship in the Matriculation**	2019
FAST NUCES	**2 Dean's List (Fall 2022, Spring 2023)**	2022 - 2023

Hobbies and Interests

- Playing Cricket
- Watching Movies
- Gaming