

MUHAMMAD DANIYAL JAWAD

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OBJECTIVE

A CS Senior at FAST NUCES with a keen interest in Web Development, seeking opportunities to leverage my skills in full-stack development and contributing to innovative projects.

EDUCATION

Bachelor of Computer Science, FAST-NUCES Lahore Expected Completion Date: June 2025
Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Database Systems, Software Design and Analysis, Software Engineering, Parallel and Distributed Computing and Artificial Intelligence.

SKILLS

Languages	HTML/CSS, JavaScript, C, C++, C#, Java and Python
Frameworks & Tools	Node.js, Express.js, React.js, Numpy, Pandas, Scikit-Learn, Matplotlib
Databases	MongoDB, MySQL, MS SQL SERVER

EXPERIENCE

Teaching Assistant Aug 2023 - June 2024
FAST NUCES Lahore

- Served as a Teaching Assistant for the Discrete Structures course in the Spring 2024 Semester and previously for the Computer Organization and Assembly Language course in the Fall 2023 Semester.
- Evaluated and graded quizzes and assignments for a total of **100 students** throughout the semesters.

Head of Game Jam Competition, SOFTEC'24 Aug 2023 - Feb 2024
SOFTEC, FAST NUCES Lahore *Lahore*

- Organized the **1st Game Jam Competition at SOFTEC'24**, FAST NUCES Lahore's premier IT event. Collaborated with a co-Head to manage the competition, overseeing **4 Deputy heads and 15 Officers**.
- Engaged over **100 individuals** through LinkedIn for event participation and administered the Discord server to assist participants with their queries, successfully managing **60 participants**.

PROJECTS

Chess Web App. Created a full-stack chess web application enabling real-time gameplay between two players, along with game analysis and history review features. **Utilized the MERN stack and WebSockets for implementation.**

Metro Management System. Designed a full-stack Java application for booking and paying for metro rides, enabling employees to manage routes and providing tools for overseeing customers and employees. **Front-end: Java Swings; Back-end: Java with MySQL.**

Telco Customer Churn. An AI project designed to predict customer churn from a telecom company dataset of over 7000 customers, employing data analysis and machine learning techniques. **Leveraged Python libraries such as Numpy, Pandas, Scikit-learn, and Matplotlib.**

Front-End Movie App. Built a simple front-end movie app using **HTML, CSS, JavaScript, Node.js, and MongoDB**. Enabled users to look up the latest **15+ movies** being watched right now and showing in cinemas internationally.

EXTRA-CURRICULAR ACTIVITIES

- Reading fiction and non-fiction books, and travelling locally and internationally.
- Playing chess, snooker and table tennis.