

# MUHAMMAD DANIYAL JAWAD

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## OBJECTIVE

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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

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**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

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

## EXPERIENCE

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**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 first Game Jam Competition at SOFTEC'24, FAST NUCES Lahore's biggest IT event. Co-managed the competition with another Head, overseeing 4 Deputy heads and 15 Officers.
- Contacted over 100 potential participants via LinkedIn, organized and managed the Discord server to assist participants with their queries, and successfully managed a total of 60 participants.

## PROJECTS

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**Chess Web App.** Created a full stack chess web application where two players can play against each other in real-time, analyze their games, and check their game history. **Built using the MERN stack and WebSockets.**

**Metro Management System.** Designed a full stack Java application enabling customers to book and pay for metro rides, while empowering employees to manage daily routes and providing management tools for overseeing both customers and employees. **The front-end was crafted using Java Swings, and the back-end was built using Java, with MySQL as the database.**

**Telco Customer Churn.** This AI project aimed to predict customer churn from a telecom company dataset of 7000+ customers, using data analysis and machine learning techniques. **Utilized 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

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