

# MUHAMMAD DANIYAL JAWAD

+92 3024477988 ◇ Lahore, Pakistan

[daniyaljawad125@gmail.com](mailto:daniyaljawad125@gmail.com) ◇ [LinkedIn](#) ◇ [Github](#)

## OBJECTIVE

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A CS Senior studying at FAST NUCES with a passion for Web Development, looking for opportunities that will help my professional career.

## 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 Systems 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
<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 1st Game Jam Competition at SOFTEC'24 (SOFTEC is FAST NUCES Lahore's biggest IT event).
- Managed the Competition alongside another Head, managing 4 Deputy Heads and 15 Officers.
- Managed a total of 60 participants for the competition.

## PROJECTS

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**Chess Web App.** Developed 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. Developed using the MERN stack and WebSockets.

**Metro Management System.** Developed 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. Front-end developed using Java Swings and back-end developed using Java, with MySQL being the database.

**Clone of Yelp.com.** Developed a website where approximately 40+ businesses could be searched and reviewed by customers. Front-end developed using HTML, CSS and JavaScript. Back-end developed using C#, with MS SQL Server being the database.

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

## EXTRA-CURRICULAR ACTIVITIES

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