

Syed Hammad Ali

Software Engineer

Seeking a challenging role in **software engineering** or application development where I can leverage my technical skills and experience to contribute to impactful projects and further my professional growth.

Contact

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Education

Diploma in Computer Engineering

Jamia Millia Islamia, New Delhi

Sep 2022-May 2025 (expected)

Grade: 85.7%

Secondary

Aligarh Public School, Aligarh

Aug 2022

Grade: 85.6%

Technical Skills

Programming Languages:

C++, C and Java

Web technologies:

HTML, CS, JS and PHP

Other technologies:

MySQL, GitHub, VS Code, UML Modelling

Core Subjects:

DBMS, OS, DSA

Soft Skills

Leadership, Collaboration, Team building

Profile Summary

Computer Engineering student at **Jamia Millia Islamia** with strong skills in **software development** and **web technologies**. Experienced in creating web applications, including a Railway Reservation System, and proficient in C++, Java, and UML modeling. Demonstrates effective project leadership and knowledge of SDLC methodologies. Adept at collaborating in team environments and passionate about applying technical expertise to solve real-world problems. Eager to contribute to and grow within a dynamic technology-driven organization.

Personal Details

Address: Delhi, India

Date of birth: 27th March 2006

Languages: English, Urdu, Hindi

Professional Experience

Intern | IIISD, Batch-11

June 2024 – August 2024

- Completed a **10-week** training program focused on software engineering and requirement engineering.
- Led the project "**Elicitation of Functional and Non-Functional Requirements of Railway Reservation System.**"
- Gained expertise in **UML modelling, SDLC models** (Built & Fix, Waterfall, Iterative, Spiral), and system cost analysis.
- Implement functional requirements using HTML, CSS, JavaScript, PHP, and MySQL.
- Enhanced analytical skills with **fuzzy logic** and **fuzzy TOPSIS** for decision-making in uncertain environments.

Projects

- Railway Reservation System**
 - Designed and developed a web-based Railway Reservation System using HTML, CSS, JavaScript, PHP, and MySQL.
 - Implemented key functionalities, including user registration, Admin panel, and Train management.
 - Focused on both functional and non-functional requirements to ensure a user-friendly and secure system.
 - Utilized UML diagrams and SDLC models to plan and execute the project efficiently.
- Bubble Match - Web game**

An interactive web game. I develop the game logic through Vanilla **JavaScript** and the UI components using **HTML** and **CSS**. I keep the UI simple and focus on logic.
- Wildy - National Parks**

A static website that contains information of top 10 National Parks in India with simple and beautiful UI components. Using **HTML** and **CSS**.
- Solar System model - Graphics programming in C and C++**

A C++ program for implementing graphics. This program includes several colours and patterns to understand **graphics** better in **C/C++**.