

Contact

mehmoodawan0158@gmail.com

www.linkedin.com/in/mehmood-shahid-awan-946492378 (LinkedIn)

Top Skills

Microcontrollers

Motor Driver Integration

IR Sensors

Languages

Pashto (Full Professional)

English (Professional Working)

Japanese (Elementary)

German (Elementary)

Urdu (Native or Bilingual)

Honors-Awards

Responsive Front-End Design
(HTML, CSS, JS)

Responsive Front-End Website

Mehmood Shahid Awan

Undergraduate Mechanical Engineering Student at Institute of Space Technology (IST) University Islamabad
Swabi, Khyber Pakhtunkhwa, Pakistan

Summary

At NeXskill, I contributed to developing over 50 web application projects using HTML, CSS, JavaScript, Reactjs, Typescript or Angular, python (Flask/Django), .NET and modern tools. This hands-on experience supported my growth in problem-solving, UI/UX, and full-stack development. During my internship at Code Alpha, I honed my C++ programming skills by working on real-world projects, including creating a CGPA Calculator for teachers that prioritized usability and accuracy. Currently pursuing a Mechanical Engineering degree at the Institute of Space Technology (IST), I aim to integrate my software development skills with my growing expertise in engineering. With a diploma in Software Engineering from Nexskill and a strong foundation in microcontrollers, motor driver integration, and IR sensors, I am motivated to address technical challenges and deliver innovative solutions.

Experience

NeXskill - Be Productive

Software Developer

June 2024 - May 2025 (1 year)

Lahore

Software Engineering program at Nexskill with hands-on experience in web development and software design. Developed 50+ web application projects using HTML, CSS, JavaScript, and modern development tools, strengthening my skills in problem-solving, UI/UX, and full-stack development.

CodeAlpha

C++ Developer

December 2024 - February 2025 (3 months)

Pakistan

Code Alpha – C++ Development Intern

Jan 2025 – Feb 2025 (Remote)

During my internship at Code Alpha, I gained practical experience in C++ programming and software development, working on real-world projects that strengthened my problem-solving and coding skills. My work included:

Developing applications using Object-Oriented Programming (OOP) principles.

Implementing data structures and algorithms to build efficient solutions.

Creating a CGPA Calculator for teachers in C++, focusing on usability and accuracy.

Enhancing debugging, testing, and code optimization skills.

This internship not only improved my technical expertise in C++, but also built my confidence in approaching projects with a structured and professional mindset.

Education

Institute of Space Technology (IST)

Mechanical Engineering, Mechanical Engineering · (September 2025 - September 2029)

Nexskill, Lahore

Diploma of Education, Software Engineering · (July 2024 - July 2025)

Fauji Foundation School and College Nowshera

Matric & FSC · (September 2023 - May 2025)