

HASSAN BIN WAQAR

SOFTWARE ENGINEERING

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About Me

A driven and detail-oriented Software Engineering student (6th semester completed) at NUML Islamabad, with hands-on experience in frontend development and a deep interest in Cyber Security. Recognized for strong problem-solving skills, adaptability, and a growth mindset. A fast learner and an effective communicator who excels in collaborative environments. Currently seeking a role to apply technical skills, contribute meaningfully to innovative projects, and grow towards a future in Cyber Security through advanced studies.

PROFESSIONAL EXPERIENCE

Siber Koza International, Web Developer Intern

April 2025 - July 2025

On-site · NASTP Alpha, Chaklala Cantt, Rawalpindi

- Worked on an IoT-based project using ESP32, where I integrated real-time environmental sensor data with a Flutter web dashboard via Firebase.

Bytewise Limited, Fellowship Program (Frontend Developer)

June 2024 - Sep 2024

Remote · Islamabad , Pakistan

- Selected as Top Performer in Frontend Dev Batch 3 – Group 1 for consistent performance and high-quality work.

PROJECTS

Weather APP

BytewiseFellowship Program 2024

- Developed a Weather App using HTML, CSS, and JavaScript that allows users to check current weather conditions based on location or city input. Integrated OpenWeatherMap API for real-time weather updates, enhancing the user experience with dynamic and responsive design.

HubScout – GitHub Profile Finder

BytewiseFellowship Program2024

- Developed a web app using JavaScript, HTML, and CSS to fetch and display GitHub user profiles via the GitHub API.

Meta Glasses – Assistive Wearable for Partially Blind

SoftwareDesign & Architecture – NUML Islamabad

- Designed and documented an assistive wearable device using UML diagrams and system architecture principles.
- Focused on accessibility features like object detection and audio feedback to enhance independence for partially blind individuals.

SKILLS

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|----------------------------------|----------------------------|--|
| • HTML5, CSS3, JavaScript (ES6+) | • Tailwind CSS, Bootstrap | • C++ , Java , C# (Desktop) |
| • SQL (DBMS) , Git / GitHub | • DOM Manipulation, Events | • Responsive Web Design, Flexbox, Grid |

CORE CS & SOFTWARE CONCEPTS

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|-------------------------------|--------------------------------|---|
| • Object-Oriented Programming | • DataStructures & Algorithms | • UML Diagrams, SDLC, Agile Methodologies |
| • Database Management Systems | • Software Design&Architecture | • Requirments Engineering |

Licenses & certifications

- Web Design and Development – University of Michigan (Coursera)
- Meta Front-End Developer Professional Certificate – Meta (Coursera)
- C++ Programming Professional Certificate by (OpenEDG C++Institute)
- Career Essentials in Software Development by (Microsoft)
- Data Structures in JavaScript: Trees and Graphs by (LinkedIn)

EDUCATION

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

September 2022 - Present

NATIONAL UNIVERSITY OF MODERN LANGUAGES (NUML), ISLAMABAD

EXPECTED GRADUATION: OCT 2026

- RECENTLY COMPLETED 6TH SEMESTER

INTERMEDIATE IN PRE-ENGINEERING

September 2019 - 2021

BOARD OF INTERMEDIATE & SECONDARY EDUCATION (FBISE)