HASSAN BIN WAQAR

Software Engineering Trainee │ Frontend Developer │ Aspiring Full-Stack Engineer

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About Me

A passionate and detail-oriented Software Engineering student at NUML Islamabad with hands-on experience in front-end development and a growing interest in full-stack technologies. Recognized for strong problem-solving skills, adaptability, and a growth mindset, I excel in collaborative environments. Having completed professional fellowships and internships, I aim to contribute to impactful digital innovations while learning from industry experts and growing into a proficient full-stack developer.

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.

TECHNICAL SKILLS

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

CORE CS & SOFTWARE CONCEPTS

- Object-Oriented Programming
- Database Management Systems
- DataStructures & Algorithms
- Software Design&Architecture
- UML Diagrams, SDLC, Agile Methodologies
- Requirnments 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
- Currently in 7th semester of BS Software Engineering – NUML Islamabad

INTERMEDIATE IN PRE-ENGINEERING   September 2019 - 2021
BOARD OF INTERMEDIATE & SECONDARY EDUCATION (FBISE)