

Muhammad Hammad Sarwar

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Summary

Summary Motivated Computer Science student at COMSATS University Islamabad with hands-on experience as a Junior Frontend Web Developer at Sovanza. Proficient in developing responsive web interfaces using HTML5, CSS3, JavaScript, and React.js, with a proven track record of improving user engagement by 20% across 5+ client projects. Skilled in Python, C++, Git, and GitHub, with a strong foundation in object-oriented programming and modern UI design. Completed certifications from Harvard, IBM, and University of Michigan, excelling in problem-solving, teamwork, and logical reasoning. Passionate about creating innovative web applications and exploring AI-driven solutions, with a focus on delivering user-centric, cross-device compatible designs.

Education

<b>COMSATS University Islamabad</b>	Lahore, Pakistan
Bachelor of Science, Computer Science	September 2024 - July 2028
Relevant Coursework: Object-oriented programming (OOP), HTML, CSS, JavaScript, Python, Git, GitHub, C++, Applied Physics, and Microsoft Office Suite	
<b>Board Of Intermediate and Secondary Education Faisalabad</b>	Faisalabad, Pakistan
FSc, Pre-Medical	Aug 2020 – Sep 2023
Graduated with Grade	A
Relevant Coursework: Physics, Chemistry, Biology, Mathematics	

Experience

<b>Sovanza</b>	Lahore, Punjab, Pakistan (Remote)
Junior Frontend Web Developer	April 2025 - Present
<ul style="list-style-type: none"><li>Developed responsive web interfaces using HTML5, CSS3, JavaScript, and React.js for 5+ client-driven projects, improving user engagement by 20%.</li><li>Collaborated with UX designers and backend developers to integrate REST APIs, enhancing website functionality and performance.</li><li>Authored project documentation, including README files and GitHub contribution guidelines, reducing team onboarding time by 15%.</li></ul>	

Art Exhibition Management System

- Designed and developed a desktop application using JavaFX and BorderPane layout for modern UI.
- Integrated QR code generation for 100+ art pieces, reducing identification time by 30 seconds per item.
- Documented codebase on GitHub, improving project accessibility for collaborators.

<b>Netflix Clone Website</b>	HTML, CSS, JavaScript   March 2025
<ul style="list-style-type: none"><li>Built a responsive Netflix-inspired homepage with interactive video banner, movie thumbnails, and hover animations.</li><li>Utilized Flexbox and CSS Grid for layout design, ensuring compatibility across mobile and desktop devices.</li><li>Optimized page load time by 15%</li></ul>	

## Certifications & Courses

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- **CS50x Puzzle Day 2025 – Harvard University:** Solved all 9/9 puzzles, enhancing problem-solving, teamwork, and logical reasoning If this section is more relevant to the opportunity you are applying for, consider moving this above your Experience section.
- **IBM:** Completed courses in Getting Started with Git and GitHub; Introduction to HTML, CSS, & JavaScript; Introduction to Software Engineering (with Honors); and Introduction to Cloud Computing
- **University of Michigan (Coursera):** Mastered Python for Everybody Specialization; Capstone: Retrieving, Processing, and Visualizing Data with Python; Using Python to Access Web Data; Using Databases with Python; Programming for Everybody (Getting Started with Python); Python Data Structures
- **DeepLearning.AI:** Finished AI For Everyone
- **Microsoft:** Mastered Work Smarter with Microsoft PowerPoint
- **HP LIFE:** Achieved Effective Presentations
- **Complete Coding (YouTube Course by Prashant Sir):** Accomplished HTML Certification Test

## Skills & Interests

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- **Technical:** Python (Proficient); C++ (Intermediate); HTML5 (Proficient); CSS (Proficient); JavaScript (Proficient); React.js (Intermediate); GitHub (Proficient)
- **Tools:** Microsoft Office (Word, Excel, PowerPoint)
- **Soft Skills:** Problem Solving, Critical Thinking, Logical Reasoning, Team Collaboration, Time Management
- **Language:** English (Fluent); Urdu (Native)
- **Interests:** Developing innovative Web Applications; Competitive programming; Exploring AI-driven solutions