

Muhammad Ali

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Developer

Motivated and adaptable Software Engineering student with hands-on experience in **IoT solutions, software testing, and web development**. Skilled in **WordPress (Elementor, WooCommerce), HTML, CSS, JavaScript, Python, and MySQL**, with a strong foundation in problem-solving and project management. Experienced in building responsive websites, testing IoT-based platforms, and developing academic and freelance projects across e-commerce, blogging, and educational domains. Adept at working in team environments, meeting deadlines, and quickly learning new technologies. Currently seeking opportunities to apply technical expertise, creativity, and attention to detail in delivering impactful digital solutions.

WORK EXPERIENCE

IoTfy Solutions • 09/2025 - Present

SQA Intern • Internship

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- Performed manual testing on Mushaba mobile application (offline location sharing using mesh networks).
- Identified, documented, and reported bugs using ClickUp.
- Conducted regression and functional testing to ensure issue resolution.
- Currently performing manual testing on an IoT-based web platform integrated with hardware to:
- Monitor electricity load usage remotely
- Control IoT-based devices (AC, bulb, etc.)

EDUCATION

Bachelor in Software Engineering

Sir Syed University • GPA: 2.92/4 • 09/2022 - Present

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A level in Computer Science

Highbrow College • 08/2020 - 08/2022

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O level in Computer Science

The American Foundation Cambridge School • 08/2017 - 08/2020

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PROJECTS

Hawa – AI Virtual Assistant • 01/2025 - 06/2025

Self/Personal Project

Developed a multilingual AI virtual assistant in Python with voice recognition, supporting both English and Urdu. Implemented features like web browsing, schedule management, application launching, sending emails, and voice-controlled authentication. Designed a modern GUI using CustomTkinter with a secure voice lock system.

Educational Website – Online Course Platform • 09/2024 - 12/2024

Freelancing

Built an **online learning website** with WordPress and LearnDash plugin. Designed course pages, user registration, quiz modules, and integrated secure payment options for premium courses.

Animated Sign In & Sign Up Page • 10/2024 - 11/2024

Self/Personal Project

Built a responsive authentication page using HTML, CSS, and JavaScript with animated transitions, floating shapes, and ripple effects. Integrated social login buttons, interactive form validation, and smooth UI animations to enhance user experience across devices.

Weatherly – Weather Application • 03/2024 - 06/2024

Self/Academic Project

Designed a web application using HTML5, CSS3, and JavaScript to display global city weather with dynamic icons, real-time data, and responsive UI. Implemented smooth animations for an engaging user experience.

Hospital Management System • 11/2023 - 02/2024

Self/Academic Project

Created a responsive web portal using HTML5, CSS3, and MySQL for managing hospital operations. Implemented patient registration, appointment booking, doctor profiles, and an admin dashboard with MySQL integration for records management.

Restaurant Management System • 04/2023 - 06/2023

Self/Academic Project

Built a Python Tkinter-based desktop application to streamline restaurant operations. Features included an order-taking interface, automated billing and receipt generation, dynamic menu management, and an interactive GUI.

E-Commerce Store – Clothing Brand • 01/2023 - 04/2023

Freelancing

Developed a **WooCommerce store** for an online clothing brand. Implemented product listings, cart/checkout, payment gateway integration, and responsive layouts for mobile users.

Railway Management System • 11/2022 - 02/2023

Self/Academic Project

Developed a desktop application using Java on NetBeans with GUI for managing railway operations. Implemented real-time train schedule display, user login/profile handling, seat booking & cancellation, and an admin panel for managing train details.

Blogging Platform – Tech News Website • 07/2022 - 10/2022

Freelancing

Created a **WordPress-based blogging platform** for publishing tech news and articles. Customized theme layouts, added category filters, integrated social sharing, and optimized for SEO.

SKILLS

- Adaptability
- Communication
- Critical Thinking
- Data Structures
- Express.js
- Git & GitHub
- HTML/CSS
- Java
- JavaScript
- Leadership
- MongoDB
- MySQL
- Node.js
- Object Oriented Programming
- Problem Solving
- Project Management
- Python
- React
- RESTful APIs
- Team Collaboration
- Time Management