Curriculum Vitae

Mr. Ali Hassan

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Objective

A detail-oriented Software Engineering graduate with a strong foundation in web development and a growing focus on quality assurance. Skilled in building responsive web applications and familiar with QA processes including manual testing, defect tracking, and test planning. Eager to contribute to software quality and user experience through both development and testing roles.

Education

BS Software Engineering | 2021 – 2025 | The Islamia University of Bahawalpur

- **Degree subject:** Software Engineering

- **List of modules:** Software Design, Software QA, Agile development, Web Development, AI (ML), Databases, Cloud Computing, OOP and Data Structure

- **Related coursework:** Final Year Project - **VisionA**I Object Detection Web App

Skills & Abilities

- **Quality Assurance & Testing:**

  - Requirement Analysis & Test Documentation

  - Familiar with ISO or CMMI Quality Standards (basic level)

  - Test case writing and execution

  - Strong understanding of SDLC and STLC

  - Manual testing (functional, regression, smoke)

  - Familiar with Selenium WebDriver (basic automation)

  - Agile and Scrum methodology

- **Web Design:** HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, Backbone.js

- **Backend Development:** Django, Flask

- **Deployment & Tools:** Git & GitHub, GitHub Pages, VS Code, API clients, browser dev tools, Selenium, Postman, JIRA, Trello

Experience

- **Academic Project:** Designed and tested a YOLO-based object detection web application using Flask

- **Practiced QA** techniques such as test planning, bug logging, and basic Selenium automation in academic and personal projects

- **Developed responsive** web pages using HTML, CSS, and JavaScript

- Assisted **in integrating REST APIs** and optimizing user interfaces

- **Weather Forecast Web App** Created and deployed real-time API data