

Althaf Hussain J

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Portfolio: www.retailxpert.in | <https://taskmanagementsystem.42web.io>

GitHub: <https://github.com/althaf-hussain46>

Summary

Recent MCA graduate with working knowledge of software development, web development, and database management. Skilled in designing, coding, testing and deploying applications through academic projects. Hands-on experience in building applications for real-world business requirements, including live deployment for demonstration purposes.

Technical Skills

Frontend: HTML5, CSS3, Bootstrap

Backend: Core PHP

Programming: Python

Databases: MySQL

Hosting & Deployment: Live deployment on Hostinger with custom domain & database setup

Tools: Git, GitHub, VS Code, PyCharm

Automation & Deployment: Selenium (Python), CI/CD (GitHub Actions – basic)

Concepts: Manual Testing, RBAC, SDLC, Agile (academic exposure)

Education

- ❖ MCA – 83.29% | MEASI Institute of Information Technology, Chennai Jul 2023 – Apr 2025
- ❖ B.Sc. Computer Science – 84.79% | Alpha Arts and Science College, Chennai Jul 2020 – Apr 2023

Projects

❖ RetailXpert – Web-Based Inventory Management System

MCA – Final Year Project

Dec 2024 – Apr 2025

- Developed a secure web-based inventory system for retail shops to manage stock, purchases, sales, and returns.
- Conducted requirement gathering sessions with a retail shop owner to understand functional needs and prepare a project plan.
- Implemented secure user authentication (PHP `password_hash()` & `password_verify()`) and Role-Based Access Control (RBAC) to protect sensitive data.
- Designed optimized MariaDB database structures and integrated AJAX to deliver instant search results for a faster user experience.
- Optimized purchase and sales modules to allow faster transaction recording compared to manual.
- Built automated reporting features to instantly generate stock, sales, and purchase summaries, reducing preparation time during trials.
- Performed manual testing with real-time sample data to ensure 100% functionality.
- Successfully hosted the application live at retailxpert.in using Hostinger with custom domain for demonstration.
- HTML5, CSS3, JavaScript, Bootstrap, AJAX, Core PHP, MySQLi, MariaDB
- **Live Demo:** www.retailxpert.in | Credentials: Demo@admin / Demo_12345 (Sample data only)
- **Demo Video (Google Drive) :** bit.ly/RetailXpertDemo



❖ Desktop Inventory Management Software- Footwear Shop

Undergraduate Major Project

Nov 2022 – Jan 2023

- Developed a desktop-based system intended for a footwear shop covering stock tracking, manage sales, and generate basic analytical reports.
- Collected requirements from shop staff and converted them into functional modules.
- Created Purchase & Sales modules with validation checks to prevent incorrect entries during trials.
- Added filter-based reporting features to enable faster data analysis for business decision making.
- Python (Tkinter), MySQL Connector, MySQL
- **Demo Video (Google Drive) :** bit.ly/FootwearDemo

