

FATIMA AMEEN

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SUMMARY

BS Computer Science student (6th semester) at COMSATS University Islamabad, Sahiwal Campus, specializing in AI/ML. Co-founder of SmartStack Solutions, a two-person development agency. Experienced in full-stack web development, mobile app development, and building RAG, LangChain, and LangGraph-based AI systems.

EDUCATION

BS Computer Science — COMSATS University Islamabad, Sahiwal Campus (6th Semester, In Progress)

- Focus area: Artificial Intelligence / Machine Learning

EXPERIENCE

AI Engineering Intern — Think & Code

- Built and deployed multiple RAG, LangChain, and LangGraph-based AI applications during the internship, including RAG assistants and multi-agent content generation systems.
- Completed the internship and received a completion certificate.

Co-Founder — SmartStack Solutions

- Co-running a two-person development agency delivering full-stack web and mobile applications for clients.

SKILLS

Languages & Web: HTML, CSS, JavaScript, PHP

Frameworks: React, Laravel, Flutter, FastAPI

AI / ML: LangChain, LangGraph, RAG, Multi-Agent Systems

Databases: MySQL, Firebase, ChromaDB

Tools: Git, GitHub

PROJECTS

HIKMAH AI: RAG-based question-answering system over Quran and Hadith text, built with LangChain, ChromaDB, and Groq, with a FastAPI backend and Streamlit frontend.

Mizan AI — Pakistan Law Assistant: RAG assistant answering questions from Pakistani legal documents with source citations, built with LangChain and Groq.

Content Strategist: LangGraph agent that researches a business and generates a grounded content strategy.

ContentCompass: LangGraph multi-agent app that turns a business description into a full content strategy and ready-to-post social media content.

StyleSync: Fashion e-commerce website built with PHP and MySQL, featuring product browsing, cart management, and checkout.

HabitForge: Flutter & Firebase Android app for tracking daily habits with streaks and progress charts.

Palace Booking Management System: Java Swing desktop app for managing venue bookings and reports, connected to MySQL via JDBC.