

Ayan Ali

Lahore, Pakistan • Bachelor's in Computer Science • Full-Stack Web Developer and AI Architect

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SUMMARY

Computer Science graduate and freelance web developer with paid client experience across Shopify, WordPress, and WooCommerce, plus a full-stack multi-tenant SaaS platform built from scratch. Comfortable owning a project end to end — frontend, backend, database design, and deployment. Looking forward to hands-on AI/ML projects and full stack web development experience. Seeking an internship to work and grow fast.

PROJECTS

BOWB — AI Website & Online Store Builder

React 19 · Supabase · OpenAI · Serverless

- Built a full-stack, **multi-tenant SaaS** that generates a complete 7-page e-commerce store from a short brand brief, then refined in a live drag-and-drop editor.
- A single Vercel deployment serves unlimited storefronts via **hostname-based multi-tenancy**; built-in e-commerce (catalog, variants, cart, checkout, orders), one-click publishing to custom sub domains, an email-marketing suite, and a per-store analytics dashboard. Database secured with Supabase Postgres + Row-Level Security

AI / ML Projects

Python · RAG · Stable Diffusion · YOLOv8

- Built a **Retrieval-Augmented Generation** drama-recommendation engine (FastAPI, React, Qdrant, OpenAI) over a self-scraped **838-show / ~6,200-vector** dataset, with two-stage retrieval, cross-encoder reranking, and hallucination-free GPT-4o generation across four query modes.
- Built an **AI manga colorization pipeline** (Stable Diffusion + ControlNet) that detects and preserves original speech bubbles using a fine-tuned YOLOv8 segmentation model and fills the colors in black and white images.

Additional Projects

- An inventory management system (DBMS), and a personal portfolio site (HTML/CSS/JS, React).

TECHNICAL SKILLS

Web & E-commerce: Shopify (Liquid), WordPress, WooCommerce, React 19, Vite, on-page SEO & keyword research

Languages: JavaScript, Python, SQL, HTML/CSS, Liquid

Backend & Database: Supabase (PostgreSQL, Auth, Row-Level Security), Firebase, FastAPI, serverless/edge functions (Vercel)

AI / ML: RAG, semantic & vector search, vector databases (Qdrant), LLM prompting & grounding, Stable Diffusion + ControlNet, YOLOv8.

Tools: Git, OpenAI APIs, Gradio, web scraping (Playwright, BeautifulSoup)

EXPERIENCE

Freelance Web Developer

2022 – Present

- Delivered **coded theme customizations** for multiple Shopify client stores using Liquid, JavaScript, and CSS — working directly with store owners to tight deadlines.
- Built **Shopify stores and landing pages from scratch** for clients, with on-page SEO and keyword research to support launch.

EDUCATION

Forman Christian College University (3.7 GPA)

2022 – 2026

Bachelor of Science in Computer Science — Lahore

- **Relevant coursework:** Introduction to Artificial Intelligence, Data Structures & Algorithms, Design & Analysis of Algorithms, Web Application Development, Software Engineering, Natural Language Processing, Blockchain .

CERTIFICATIONS

Digital Marketing with Facebook & Instagram Ads — Udemy. [View certificate](#)