

Abdullah Zahoor

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OBJECTIVE

Software Engineering student (8th semester) with hands-on experience across AI/ML, full-stack web, and mobile development through internships at SyntecxHub, Arch Technologies, and Rhombix Technologies. Developed an AI Avatar-Based Tutoring System (FYP) leveraging RAG, LLMs, LangChain, and AI avatar narration. Proficient in Python, NestJS, Next.js, Flutter, and database design, with a track record of building and deploying intelligent, full-stack applications.

WORK EXPERIENCE

Artificial Intelligence Intern – SyntecxHub
Machine Learning Intern – Arch Technologies
Web Development Intern – Rhombix Technologies

Mar 2026 – Apr 2026 | Remote

Feb 2026 – Apr 2026 | Remote

Remote

EDUCATION

Ziauddin University – Karachi

Bachelor of Science in Software Engineering – 8th Semester

Currently

Jinnah Government College – Karachi

Intermediate (Pre-Engineering)

2022

CERTIFICATIONS

Web Development • Linux Tutorial • Apps with Flutter • Introduction to SQL • English Language

SKILLS

Languages & Frameworks: C, C++, Python, HTML, CSS, JavaScript, Flutter, React.js, Next.js, NestJS

AI / Machine Learning: LangChain, FAISS, RAG, GPT, Computer Vision

Database & Design: MySQL, Database Design

PROJECTS

AI Avatar-Based Tutoring System (FYP)

- Personalized tutoring system generating multimodal educational videos using RAG-grounded LLM generation, scene-wise video synthesis, and AI avatar narration. Stack: NestJS, Next.js, LangChain, FAISS, Three.js, GPT, WAN 2.2, text-to-speech.

AI Face Recognition System

- Built a face recognition application using computer vision techniques for identity detection/verification.

Offline Voice Assistant (Alexa-style)

- Developed an offline personal voice assistant capable of understanding and responding to voice commands without relying on cloud APIs.

E-Commerce Database Design

- Designed a relational database schema for an e-commerce platform covering products, inventory, orders, and customers.

Accountant Management Flutter App

- Multi-screen Flutter app template for inventory management and ledger tracking, with a navy & gold theme and mock in-memory data, structured for future API/database integration.

E-Commerce Website (HTML/CSS/JS/Bootstrap)

- Built a responsive online store with product catalog and cart functionality.

E-Commerce Website (React.js)

- Re-developed the e-commerce platform with reusable components and improved performance.

Weather App

- Real-time weather forecast app with API integration and dynamic UI updates.

Todo List App

- Task management app with add, update, and delete functionality using state management.

School Management System

- Management system for handling school administrative operations.

Computer Communication & Networking App

- Flutter app exploring networking concepts.

Remote Control Car

- Hardware-based remote-controlled car with full project documentation.

Inventory Management System for Healthcare Facilities

- Designed a healthcare inventory tracking system.