

Muhammad Tayyab

+92-3438582328 | m.tayyab.92.work@gmail.com | [linkedin.com/in/mtayyab193](https://www.linkedin.com/in/mtayyab193) | github.com/M-Tayyab-193

Full Stack Developer

Building Scalable AI Powered Apps with MERN / PERN Stack

EXPERIENCE

DataStreamAI Limited

Remote

Full Stack Developer (Part-Time)

Apr 2026 – Present

- Architected and deployed an AI-powered expense management SaaS dashboard using Next.js, React, and a Flask backend, enabling real-time financial tracking and analytics.
- Developed an AI financial assistant leveraging LLMs to analyze user expenses, deliver real-time budget insights, and achieve low-latency responses for interactive queries.
- Engineered a deterministic financial processing pipeline to validate calculations before LLM integration, eliminating incorrect outputs and improving system reliability.
- Designed secure multi-currency data workflows and managed application state using PostgreSQL (Supabase) with JWT-based authentication.

DataStreamAI Limited

Remote

Software Engineering Intern

Oct 2025 – Mar 2026

- Built a scalable Intelligent Document Processing (IDP) platform to automate structured data extraction from PDFs, images, and documents.
- Developed a hybrid parsing pipeline combining OCR and API-based extraction, significantly reducing manual data entry effort.
- Implemented end-to-end document ingestion and processing workflows supporting multiple file formats with high reliability.
- Designed a responsive frontend and integrated CMS-driven content system for dynamic landing pages and product showcases.

PROJECTS

Homyfy - Accommodation Platform | *React, Supabase, Tailwind CSS, Live Demo*

January 2026

- Built a localized accommodation platform tailored for Pakistan with PKR-based pricing and booking workflows.
- Implemented authentication, property listings, and booking management using Supabase backend services.
- Designed a user-centric interface optimized for accessibility and regional usability.

NeuroPrep - AI Mock Interview Platform | *Next.js, Firebase, Tailwind CSS, Live Demo*

August 2025

- Built an AI-powered mock interview platform enabling real-time voice-based coding interviews with personalized feedback.
- Designed interactive interview flows and evaluation pipelines to simulate real-world technical interview environments.
- Implemented dynamic session handling and responsive UI for real-time interview interactions.

Ecomora - Multi-Vendor E-Commerce Platform | *Next.js, MongoDB, Stripe, Live Demo*

September 2025

- Developed a full-stack multi-vendor marketplace supporting product listings, seller dashboards, and order management.
- Integrated Stripe payment workflows in test mode to simulate secure transaction flows and implemented real-time order tracking.
- Designed backend data models and APIs to support multi-vendor workflows and concurrent user operations.

EDUCATION

National University of Sciences and Technology
Bachelor of Computer Science (CGPA: 3.46, 6th Semester)

Islamabad, Pakistan
Sept. 2023 – June 2027

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, Flask
Databases: PostgreSQL, MongoDB
Tools & Platforms: Git, Supabase, Vercel
Core Concepts: Data Structures & Algorithms, REST APIs, Scalable Systems, AI-powered Applications

CERTIFICATIONS

Machine Learning Specialization, Coursera (Andrew Ng)
Python Specialization, Coursera - Additional AI/ML Certifications – Great Learning