Ahmed Sheikh

Full Stack AI Developer

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Full-Stack Next.js Developer specializing in end-to-end web application development. Proficient in leveraging Next.js for building performant frontend interfaces and scalable backend systems, including API routes, server-side rendering (SSR), and server actions. Skilled in database design with PostgreSQL (hosted on Neon) and data modeling using Drizzle and Prisma ORMs. Experienced in enabling LLM integrations using Pinecone and Milvus vector databases. Deploy applications seamlessly via Vercel and Azure (using Docker containers), and automate workflows with GitHub Actions CI/CD. Combines frontend craftsmanship (using shadcn, ChakraUI, NextUI, and Framer Motion) with robust backend architecture to deliver full-stack solutions optimized for speed, security, and scalability.

Work Experience

AI Developer
Fiverr

Dec 2024 - Present

Agentic AI Engineer
Upwork

Nov 2024 - Present

Frontend Web Developer
Fiverr

Jan 2024 - Present

Frontend Developer
Panaversity

Sep 2024 - Sep 2024

Projects

Millionaire Fastlane Chatbot

Nov 2024 - Nov 2024

I read an amazing book called The Millionaire Fastlane by MJ DeMarco. So I thought to develop a RAG application on this. Exciting right? I used langchain for building this application, streamlit for frontend, and Pinecone for vector database.

Benefit Mine

Present

This is a frontend Next.js project. At Benefit Mine, they constantly strive to introduce new ideas and revolutionize the way their users experience cryptocurrency transactions. With a focus on speed, efficiency, and security, they leverage advanced technology, collaborate with reputable payment providers, and adhere to strict protocols, ensuring seamless and reliable transaction processing.

Panaversity RAG Application

Present

This RAG application integrates the Panavestity GitHub repository as an external knowledge source, enabling LLMs to generate more contextually relevant and accurate responses. Developed using the LangChain framework for efficient data retrieval and processing, and deployed with a Streamlit frontend for a seamless user experience.

Panaversity

Sep 2024 - Sep 2024

Panaversity is a cloud-native platform offering personalized learning through generative AI. I worked here as a frontend Next.js developer. This was a part time hybrid role and I worked remotely and had onsite discussions about the project.

Core Skills

Nextjs , TypeScript, crewai, Prisma, Drizzle, Python (Programming Language), PostgreSQL, Retrieval-Augmented Generation (RAG), pinecone, Vector Databases, Large Language Models (LLM), Chatbot Development, AI Agents, langchain , LangGraph, LangChain, python, FastAPI, docker, DevOps

Education

PIAIC
Jul 2023 - Present

Certified Cloud Applied Generative AI Engineer

Virtual University of Pakistan
Oct 2023 - Jul 2028

Bachelor of Science - BS Computer Science

FG Sir Syed College
Nov 2021 - Jul 2023

Intermediate Computer Science
GPA: A

Al Huda High School
Jan 2008 - Jan 2021

Secondary School Certificate Computer Science
GPA: A+

Languages

English *(FULL_PROFESSIONAL)*, **German** *(ELEMENTARY)*, **Urdu** *(NATIVE_OR_BILINGUAL)*

Certificates

Introduction to LangGraph
LangChain Academy

React Basics
Meta

AI For Everyone
DeepLearning.AI

Advanced React
Meta

Generative AI for Everyone
DeepLearning.AI

Introduction to Generative AI
Google Cloud Skills Boost

Principles of UX/UI Design
Meta

Python for Everybody Specialization
University of Michigan

TypeScript Tutorial

W3Schools.com

Version Control

Meta