

Numan Abubakar

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EDUCATION

Government College University Faisalabad

Bachelor of Science in Computer Science

Punjab, Faisalabad

Aug. 2022 - May 2026

Punjab Group of College Jhang Road Campus

Intermediate in Computer Science

Punjab, Faisalabad

Aug. 2019 - May 2021

Saylani Welfare Trust

Web and Mobile Development

Saylani Office Laal mill chowk , Faisalabad

Sep 2021- Oct 2022

PIAIC

Full Stack AI Engineer

National Textile University Faisalabad

May 2023 - April 2024

EXPERIENCE

AI Developer

Meshlogix Solutions

Jan 2025 - Present

Punjab, Lahore

- Automated Multi-Source Data Pipeline – End-to-end automated workflow using n8n, Supabase, and Slack for data ingestion, storage, and real-time alerts
- AI Image Generator – Implemented an image generation app using fal.ai models with Python, enabling prompt-based visual creation via API integration.
- Conversational AI Fine-Tuning – Fine-tuned the Josiefied-Qwen3-30B-A3B-abliterated-v2 model to craft an AI that mimics emotionally rich, evocative human dialogue

PROJECTS

Talk with Your Pdf | Python, FastAPI, Streamlit , Langchain , Faiss Vector Store, OpenAI

June 2024

- A PDF-based AI assistant that enables users to upload documents and interact with them conversationally.
- Built with Streamlit for an intuitive UI and FastAPI for backend processing. Utilized LangChain for prompt orchestration and OpenAI models for natural language responses
- Integrated FAISS for efficient document embedding and semantic retrieval.
- Chat interface to ask questions directly from uploaded PDFs

AI Medical Consultant | NextJS, FastAPI, Python, Langchain, Firebase,

May 2025

- An intelligent web-based assistant designed to provide conversational support for medical queries
- Built with a Next.js frontend and FastAPI backend, it uses LangChain to orchestrate LLM-driven reasoning.
- Integrated Firebase for user authentication, session history, and secure data handling.
- LangChain-powered pipeline for contextual understanding and tool calling
- Firebase Auth and Firestore for real-time chat history and user management

Huas Of Holder Application | React Native - Firebase - React Navigator - Skeleton Effect

Feb 2022

- A modern Android mobile app designed with React Native for seamless performance and user experience. Integrated Firebase for real-time database and user authentication
- Real-time data updates via Firebase Realtime Database
- Skeleton loading UI to maintain responsiveness during API calls

AI Roaster | Chainlit , OpenAI SDK , Gemini , Python, UV

Jan 2025

- An engaging AI-based conversation app designed to playfully “roast” users with humorous and witty responses
- Built using Chainlit for real-time chat UI, integrated with both OpenAI and Gemini models to dynamically generate diverse and entertaining outputs
- Real-time conversational roasting using LLMs

Automated Multi-Source Data Pipeline | n8n , Supabase , Slack, Airtable

Jan 2025

- Designed and implemented a no-code/low-code data pipeline using n8n to automate the collection, transformation, and delivery of data across platforms
- Automated data ingestion from APIs, webhooks, and user inputs
- Store embeddings in a Supabase pgvector store for semantic similarity search and RAG-based querying

TECHNICAL SKILLS

Languages: Python, C++, Oracle, Langchain, LangGraph , Nextjs , Firebase, JavaScript, HTML/CSS, ReactJs, React Native

Frameworks: React, Firebase, JUnit, Material-UI, FastAPI, Shadcn-ui, N8n, Zapier, Make

Dev Tools: Git, Docker, VS Code, Visual Studio, Google Colab, Poetry, Uv,

Libraries: pandas, NumPy,