

MUHAMMAD ABDUL NAFAY

SOFTWARE DEVELOPER &
AUTOMATION EXPERT

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EXPERIENCE

Metasense Technologies LTD | June 2022 - Present

Peshawar, KPK, Pakistan



Technical Team Lead – DevOps & Full Stack Developer

- Supervise and lead a team of developers across multiple projects.
- Architect scalable solutions with modern frameworks.
- Oversee multiple projects lifecycle, from requirements to deployment.
- Coordinate cross-functional team collaboration.
- Troubleshoot and resolve production issues promptly & efficiently.

PROJECTS

July 2024 - Present

Freelancing

Data Analytics & IT Automation using Python

- Cleaned datasets, applied ML algorithms for predictions, and automated tasks with Bash and Python.

June 2023 - Present

Kinterak, A bereavement Services Platform - London, UK Based

Team Lead & NextJS Developer

- Developed the project's foundation with pre-purchase, post-purchase workflows and an admin panel using NextJS, MongoDB, and AWS.

Feb 2025 - Present

Climate Tracker Initiative: An ESG data insights platform - Sweden Based

Team Lead | MERN Stack & DevOps Engineer

- Developed an AI-driven customer portal using React, Redux for state management, and a Supabase-Node backend.

March 2024 - Feb 2025

Triform, An AI Based SaaS Platform - Stockholm, Sweden Based

Laravel & Svelte/React Developer

- Built a platform with a Laravel backend, Svelte/React frontend, integrated with vector databases and AWS Step Functions.

Nov 2023 - Jan 2024

ToBre, AI Based Card Generation - Chicago, US Based

React, Node & Python Developer

- Implemented card generation web app using LLM's. Built with Flask running the backend and React on the frontend.

June 2023 - Nov 2023

MyChat: Custom-trained GPT Chatbot - Madrid, Spain Based

NextJS & Python Developer

- Developed a chatbot that uses Llama Index and OpenAI API to generate responses based on given dataset.

Feb 2022 - May 2023

Council, An AI Based University Recommendation System - FYP

MERN Stack & Python Developer

- MERN app using a RFS algorithm trained on a custom dataset to recommend ideal universities based on user preferences.

SKILLS

- Full Stack Developer
- AI Development (Artificial Intelligence and Machine Learning)
- DevOps (CI/CD with GitHub Actions & AWS EC2 runners)
- AWS & GCP Cloud Services
- Data Analytics (Data Visualization, Data Insights Techniques)
- Database Management (SQL, NoSQL, Database Optimization)
- Python Automation
- Project & Team Management

PROGRAMMING LANGUAGES

- Python
 - Django | Flask | FastAPI
- Javascript/Typescript
 - React | Angular | Svelte | NextJS | Node | Express
- PHP
 - Laravel
- MySQL & NoSQL
- Java
- C++
- Bash

CERTIFICATIONS



META Frontend Development



Google IT & Python Automation

EDUCATION

FAST NUCES, PAKISTAN

- Bachelors in Computer Science
- CGPA: 3.46
- Silver Medalist

JAWAHIR AL-RIYADH INT. SCHOOL, SAUDI ARABIA

- O - Levels
- A - Levels

LANGUAGES

- English
- Urdu