

MUHAMMAD ABDUL NAFAY

SOFTWARE DEVELOPER &
AUTOMATION EXPERT

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EXPERIENCE

Metasense Technologies LTD | June 2023 - Present

Peshawar, Pakistan



Technical 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.

March 2024 - Present

Triiform, An AI Based SaaS Platform - Stockholm, Sweden Based Project

Laravel & Svelte Developer

- Transformed legacy infrastructure by transitioning to a modern technology stack.
- Developed an AI-driven platform with vector databases, powered by a Laravel backend and Svelte frontend.

June 2023 - Present

Kinterak, A bereavement Services Platform - London, UK Based Project

NextJS Developer

- Build the project's core foundation, including pre-purchase, post-purchase workflows, and the supporting admin panel.
- Used NextJS along with MongoDB for storage and AWS for cloud services.

Nov 2023 - Jan 2024

ToBre, AI Based Card Generation - Chicago, US Based Project

React & 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 Project

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

- Project & Team Management
- Full Stack Developer
- AI Development (Artificial Intelligence and Machine Learning)
- DevOps (CI/CD, Infrastructure as Code)
- Data Analytics (Data Visualization, Data Science Techniques)
- Python Automation
- Database Management (SQL, NoSQL, Database Optimization)

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

- O - Levels
- A - Levels

LANGUAGES

- English
- Urdu