

ASIM SHEHZAD

Full Stack Developer • DevOps Engineer • AI Engineer

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OBJECTIVE

Results-driven Full Stack, DevOps & AI Engineer with hands-on experience building scalable web applications, deploying production-grade cloud infrastructure, and designing intelligent AI automation workflows. Proficient across the entire software lifecycle — from responsive frontends and robust REST APIs to containerized deployments and AI agent pipelines using n8n, Zapier, Make, and GoHighLevel. Passionate about delivering clean, efficient, and impactful solutions.

EXPERIENCE

Software Engineering Remote Job — NOXATECH ORG, Islamabad | Remote | June 2025 – Aug 2025

- Contributed to a Hospital Management System using C++ over an 8-week structured remote job.
- Designed system architecture and implemented core modules including scheduling, patient records, and billing.
- Collaborated with the engineering team on software design, testing, and delivery.

SKILLS

Languages:	JavaScript, Python, Java, C++
Frontend:	React.js, Next.js, HTML5, CSS3, Tailwind CSS
Backend:	Node.js, Express.js, Spring Boot, FastAPI, Flask, REST APIs
Databases:	MongoDB, MySQL, PostgreSQL
DevOps:	Docker, CI/CD Pipelines, Git, GitHub, Vercel, Render, AWS
AI / ML:	scikit-learn, NLTK, Pandas, Streamlit, TF-IDF, Computer Vision
AI Automation:	n8n, Zapier, Make (Integromat), GoHighLevel — AI Agent Workflows, CRM Automation, Multi-step Triggers, Webhook Integrations
Soft Skills:	Leadership, Communication, Problem-Solving, Teamwork

PROJECTS

CyberGuard – AI Cyberbullying Detection

[Python](#) · [NLTK](#) · [scikit-learn](#) · [Streamlit](#) · [Plotly](#)

ML classifier (Safe/Toxic/Severe) with Streamlit web app for real-time & batch text analysis.

MarketMinds – AI Financial Dashboard (FYP)

[Python](#) · [Flask](#) · [PostgreSQL](#) · [Computer Vision](#)

Real-time investment dashboard integrating AI/ML models for stocks, forex & crypto insights.

MovieHub – Streaming Web App

[MERN Stack](#) · [Vercel](#)

Netflix-style platform with admin/seller/user roles, full auth, deployed live on Vercel.

Secure Messaging System

[MERN Stack](#) · [AES-256](#)

End-to-end encrypted messaging app using AES-256 for complete data privacy.

Real-Time Temperature Prediction

[Python](#) · [MongoDB](#) · [MLOps](#)

Live data pipeline & ML model to predict Lahore temperatures in real time.

Student University Portal

[MERN Stack](#)

Portal for students & admin covering enrollment, courses, and academic tracking.

NSE Nifty 50 Market Intelligence & Alert Platform

[Python](#) · [Pandas](#) · [SQLite](#) · [APScheduler](#) · [Telegram Bot](#) · [SMTP](#)

Production-ready monitoring system for all Nifty 50 stocks using official NSE data — hourly intraday alerts for price moves & volume spikes, plus daily long-term BUY/SELL signals from trend-slope and peak/trough analysis, delivered via Telegram & Email with SQLite-backed logging and CSV audit export. Auto-runs during market hours (skips weekends/holidays), with crash-safe handling for NSE outages/IP blocks and background-service deployment on Windows & Linux.

EDUCATION

B.S. Software Engineering — FAST-NUCES, Islamabad | 2022 – 2026

Relevant Coursework: DSA, OOP, Web Engineering, OS, Information Security, SCD, Software Project Management