Contact

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(LinkedIn)

Top Skills

Python
Data Engineering
Natural Language Processing

Certifications

Llama 3 Hackathon

IBM Data Science Professional
Certificate

Meta Hacker Cup - 2024

Introduction to Large Language
Models

Intermediate Python

Hanzla Nawaz

AI Engineer
Lahore, Punjab, Pakistan

Summary

I am proactive in on-the-job certification, have a strong sense of
responsibility, have a strong desire to improve, work hard to learn
and make continuous progress, like to accept difficult challenges,
and improve my abilities and comprehensive qualities. I have a
strong sense of time, do everything actively and seriously, and am
not afraid of hardship, fatigue, or setbacks. I treat people sincerely,
am good at communication and coordination, and have strong
organizational skills and team spirit!

Experience

Xeven Solutions
AI Engineer
April 2025 - Present (3 months)
Lahore, Punjab, Pakistan

Omdena
Machine Learning Engineer
November 2023 - October 2024 (1 year)

As a Machine Learning Engineer, I collaborated on global initiatives to harness
AI for social impact.

Combating Misinformation in Nepal: Partnered with Omdena's Nepal Chapter
to develop an AI-driven platform addressing misinformation. Aggregated
data from local fact-checking organizations, engineered ETL pipelines, and
deployed a Streamlit application powered by CrewAI and Groq API, enabling
real-time news verification.

Tuberculosis Prediction in Nigeria: Led the automation of TB case data
preprocessing, reducing manual effort by 50%. Developed regression models
that improved predictive accuracy by 15%, facilitating timely public health
interventions in Kaduna.

McKinsey & Company
McKinsey Forward Program
November 2023 - April 2024 (6 months)

Mastered adaptability, resilience, and strategic problem-solving in dynamic environments.

Mastered the APR framework (Awareness, Pause, Reframe) to shift mindsets and drive agile decision-making under pressure.

Applied the EPIC communication approach to craft impactful messages and structured problem-solving techniques (SMART goals, hypothesis-driven analysis) to deliver data-backed solutions.

Developed behavioral science strategies (Cue-Routine-Reward) to turn adaptive leadership practices into sustainable habits.

Al Nafi Cloud
2 years 8 months

Cyber Security Analyst
January 2021 - August 2022 (1 year 8 months)

IT/OT Security Strategy: Designed compliant cloud architectures (AWS/GCP) aligned with ISO 27001/27017/27018 and IEC 62443, reducing vulnerabilities by 30% through CIS v8 controls.

Risk Management: Conducted OT/ICS risk assessments (NIST, IEC 62443) and penetration testing, mitigating critical threats for industrial clients in the energy and manufacturing sectors.

SOC Development: Led the design of IT/OT Security Operations Centers (SOC), integrating SIEM (Wazuh), IDS/IPS, and custom use cases for threat detection.

Governance Frameworks: Authored IT/OT policies, procedures, and operating models, ensuring compliance for SOC 1 Type II audits.

Business Development: Prepare reports and support business development with RFI & RFP responses.

Tool Expertise: Deployed Wazuh (SIEM), Nessus (VA), Metasploit, and NGINX WAF to secure OT environments.

Trainee System Administrator

January 2020 - January 2021 (1 year 1 month)

Infrastructure Management: Installed/configured RHEL, CentOS, and Ubuntu systems, resolving 50+ hardware/network issues monthly.

Automation: Scripted Bash/Python tools for log transfers, backups (Rsync), and resource monitoring (top, sar), improving efficiency by 40%.

Security Hardening: Configured iptables firewalls, managed user permissions (ACL, chmod), and patched systems via YUM.

Network Troubleshooting: Diagnosed connectivity issues using tcpdump, Wireshark, and traceroute.

Education

The Superior University
Bachelor of Science, Artificial Intelligence · (2020 - 2024)

Aspire Institute
Aspire Leaders Program · (April 2024 - August 2024)

Amal Academy
Career-Prep Fellowship · (March 2023 - June 2023)