Contact

lahore
0315 3208241 (Mobile)
ideal.rhel@gmail.com

www.linkedin.com/in/maimoon-moon-amin (LinkedIn)

Top Skills

Streamlit
LangChain
LangGraph

Languages

Urdu
English
Arabic
Punjabi

Certifications

Golang
Learn Ansible Basics - Beginners Course
Jenkins
GIT for Beginners
Terraform Basics Training Course

Maimoon Amin

Data Science | DevOps | AI/ML/DL | RAG Systems Enthusiast | Bridging Innovation & Scalability
Lahore, Punjab, Pakistan

Summary

Experienced in bridging AI, DevOps, and scalable architectures, I specialize in integrating machine learning with cloud-native and automation-driven workflows. Passionate about end-to-end AI system deployment, I design intelligent, scalable, and efficient solutions that drive real-world impact.

KEY SKILLS AND ACHIEVEMENTS:

AI-Powered Automation: Built an AI-driven Healthcare Chatbot using NLP & OpenAI APIs, reducing doctor workload by 30%.
ML Ops & Scalability: Developed a CI/CD pipeline for ML models with Kubernetes & Jenkins, cutting deployment time by 40%.
Predictive Analytics: Leveraged Python, Pandas, and scikit-learn for data-driven unemployment & vehicle pricing models.
Cloud & DevOps Expertise: Hands-on with AWS, Terraform, Docker, Prometheus, Grafana, and automated cloud workflows.
AI-Driven Innovation: Built content-based Movie Recommendation System (TF-IDF, Streamlit) and LLM-powered NLP chatbots.

PROFESSIONAL JOURNEY:

Currently focused on integrating DevOps with AI/ML, I specialize in end-to-end ML model deployment, automating workflows, and optimizing cloud-based AI applications. Passionate about bridging research and real-world AI adoption.

CONTINUOUS LEARNING AND GROWTH:

I stay updated with the latest LLM advancements, reinforcement learning, and AI ethics. Regularly contribute to open-source AI frameworks and participate in tech conferences and hackathons.

BEYOND WORK:

I actively collaborate on AI-driven open-source projects and mentor aspiring AI/ML engineers. Strong believer in knowledge sharing and community-driven innovation.

LOOKING AHEAD:

Excited about scaling AI solutions and driving transformative innovation. Open to collaborations, mentorship, and AI/ML projects that push boundaries.

Experience

CodeAlpha
Data Scientist
November 2024 - December 2024 (2 months)
Lucknow, Uttar Pradesh, India

CodeAlpha leads in Ed-Tech, the country's quickest-growing pro training platform. We're all about shaping future tech creators. Our top internships and certifications show awesome results: Over 1,29,000+ students finished our internships. 95% of certified students boosted practical tech skills.

• Created models for classification of iris flowers, analysis of unemployment, and prediction of automobile prices.
• Acquired practical skills in machine learning, data analysis, and model validation.
• Used Python with pandas, NumPy, and scikit-learn for data processing and training of the models.
• Published the project results and expertise in GitHub and Linkedin as a portfolio.
• Improved analytical thinking abilities and working competences in data science processes.

Education

Al Nafi
Career Advancement Track in Emerging Technologies, Information Technology · (February 2021 - March 2022)

Codanics

Data Science & AI, CS & Information Technology · (February 2024 - January 2025)

Sialkot Government school

Matric, Computer Science · (April 2020 - March 2022)