

Contact

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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 | Autonomous Agentic AI | RAG Systems | AI/ML/DL | DevOps
Lahore, Punjab, Pakistan

Summary

I'm a young Data Science enthusiast with a passion for building autonomous, agentic AI and Retrieval-Augmented Generation (RAG) systems atop cloud-native, DevOps-driven infrastructures. I thrive at the intersection of AI/ML/DL and scalable automation, delivering end-to-end solutions that translate research into real-world impact.

Highlights & Key Skills

AI-Powered Automation: Engineered an NLP-driven healthcare chatbot via OpenAI APIs, cutting physician workload by 30%.

MLOps & Scalability: Orchestrated CI/CD pipelines for ML models using Kubernetes, Jenkins, Docker, and Terraform—accelerating deployments by 40%.

Predictive Analytics: Developed data-driven unemployment forecasts and vehicle-pricing models with Python, Pandas, and scikit-learn.

Cloud & Observability: Deployed resilient architectures on AWS, with automated infrastructure as code and monitoring via Prometheus & Grafana.

RAG & Autonomous Agents: Building intelligent retrieval-augmented systems and agentic workflows for dynamic information synthesis.

What Drives Me

I'm dedicated to continuous learning—tracking the latest in large-language models, reinforcement learning, and AI ethics. As an open-source contributor and mentor, I share insights at conferences and hackathons, empowering the next generation of AI/ML engineers.

Let's Connect

I'm eager to collaborate on projects that push the boundaries of autonomous AI, scalable DevOps, and intelligent systems. Feel free to reach out for partnership, mentorship, or innovation discussions.

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

AI 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)