Muhammad Haseeb

linkedin.com/in/mhaseeb1604 | mhaseeb1604@gmail.com | +923149946492

Technical Skills

Machine Learning/Deep Learning, Agentic RAG, LLMs, Programming (Python, C/C++, JavaScript), Web APIs (FastAPI), Database (SQLAlchemy, DynamoDB), Remote Tools (Git, Jira, Slack, Zoom, Microsoft Teams).

Experience

AI Developer | Stixor Technologies   Apr 2024 – Present
- Designed an Agentic RAG for an AI legal assistant, Guaranting compliance with Saudi regulations by testing and coordinating with SQA and KSA legal experts; formulated strategies to retrieve accurate regulations.
- Created a CSV analysis application leveraging LlamaIndex and Llama3 technologies, delivering rapid, accurate client insights and enabling competitive advantages in private data assessments.
- Deployed and managed production and development using Coolify and minimized database call by 10%.

Remote AI Developer | Freelance   Mar 2023 – Present
- Developed a hybrid DL model for precipitation nowcasting that forecasted radar maps for local areas based on recorded sequences, enhancing performance and minimizing error (RMSE: 11).
- Designed a real-time model for classifying Pakistani currency notes, achieving 99% accuracy.
- Implemented an innovative eCommerce solution processing voice commands using GCP Transcribe and Translation; applied NLP techniques to extract actionable instructions from transcriptions.

Python Programmer | TriTech Solutions   Dec 2023 – Feb 2024
- Developed a FastAPI REST API for an e-commerce site, integrating AWS DynamoDB with ORM for optimized connections.
- Deployed on EC2 and implemented Pytest for unit testing to ensure robust test-driven development.

Education

City University of Science and Information Technology Peshawar   Sept 2020 - Jun 2024
BS Software Engineering
- **Final Year Project:** Urdu Text Sentiment Analysis – Created sentiment analysis models using deep learning and pretrained models, experimented with various embedding and NLP techniques for Urdu text. Constructed a hybrid architecture that achieved a 96% F1-Score.

Publications

- M. M. Danyal, **M. Haseeb**, S. S. Khan, B. Khan and S. Ullah, "Opinion mining on movie reviews based on deep learning models," Journal on Artificial Intelligence, vol. 6, pp. 23–42, 2024.

Leadership

Outreach Lead | Google Developer Group Peshawar   Dec 2022 – Present
- Connected with the local tech community and students, established partnerships, and boosted group visibility, creating strategies to engage over 1.3K participants in DevFest.
- Guided activities and promoted participation benefits; coordinated 20+ volunteers.

Campus Lead | Google Developer Student Clubs (GDSC)   Jul 2022 – Aug 2023
Chosen as *one of 76* leads *nationwide* to lead GDSC at Campus.
- Organized 35+ events (online and onsite), including 25+ technical workshops and sessions, engaging 9k+ attendees; promoted diversity through a female-focused ideathon with 15+ teams.
- Facilitated mentorship sessions for students in technical and career skills, conducting 35+ counseling sessions to foster teamwork and peer learning.

Certifications

- Introduction to AI Orchestration with LangChain and LlamaIndex | Credentials
- Artificial Intelligence Foundations: Thinking Machines | Credentials
- Multimodal Prompting with Google's Project Gemini | Credentials