

Munem Hashmi

✉ munem.hashmi@gmail.com

☎ +923455903670

📍 Karachi, Pakistan

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Summary

Enthusiastic and skilled AI Engineer eager to apply expertise in machine learning and data analysis in a dynamic and innovative environment. Committed to leveraging problem-solving abilities and technical skills to drive advancements in artificial intelligence.

Skills

Programming Languages:

Python, R, C++

Data Analysis:

SQL, Pandas, NumPy

Tools:

Jupyter, Git, Docker

Machine Learning:

Neural Networks, Regression, SVM, Decision Trees, Clustering

AI Frameworks:

TensorFlow, PyTorch

Cloud Platforms:

AWS, Azure

Experience

Software Engineer Intern

Xgrid.co

07/2023 – 10/2023
Islamabad, Pakistan

- Designed and developed a React and Flask-based web application, focusing on efficient REST API interactions and robust data storage solutions. Utilized TypeScript to enhance code reliability and maintainability.
- Migrated applications to AWS using Terraform, optimizing security and monitoring with integrated AWS services like VPCs, AWS Cognito, and CloudWatch. Emphasized TypeScript for scripting and automation tasks.
- Executed serverless architecture in creating a weather app, utilizing ECS for Blue/Green deployments to enhance reliability and update efficiency. Leveraged TypeScript for backend development and deployment scripts.
- Employed ReactJS (with TypeScript) and Redux for front-end state management, integrating charting libraries such as HighCharts for advanced data visualization.

Education

Bachelor of Science in Computer Science

FAST - National University of Computer and Emerging Sciences

08/2019 – 06/2023
Islamabad, Pakistan

Projects

Corn Disease Classification:

- Optimized a TensorFlow model using CNN architecture and data augmentation techniques.
- Implemented a backend server with TensorFlow Serving and FastAPI, and developed a frontend using ReactJS.

Certificates

- The Complete 2022 Web Development Bootcamp
- AZ-900: Microsoft Azure Fundamentals