

MOHAMMED HASEEB AHMED

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haseebahmed2003.github.io/Haseeb.github.io/

SKILLS

- Programming Languages: Java, C, C++, Python, Javascript.
- Data Structures and Algorithms.
- Database Management System : MySQL, PostgreSQL, MongoDB.
- Web development using Streamlit, Flask, Django.
- Machine learning, Deep learning.
- Familiar with: Applied AI, Huggingface, Google Cloud, IBM cloud, IBM Watson.

EDUCATION

- B.tech in C.S.E | Malla Reddy Engineering College
CGPA: 7.5 | (Nov'21-present)
- XII (Telangana State Board) | Sri Chaitanya Junior College
93.5% | 2021
- X (CBSE) | St. Peter's High School
87% | 2019

ACADEMIC PROJECTS

- **Review Analyzer**
 - Developed a Python-based sentiment analysis web app using the TextBlob library.
 - Designed the front-end with Streamlit and the back-end with Python.
 - Incorporated NLTK for data pre-processing and Pandas for data manipulation.
 - Successfully deployed the application on Hugging Face Spaces.
- **MNIST Neural Network**
 - Developed a deep learning neural network from scratch using only NumPy and Pandas to identify handwritten digits.
 - Implemented a three-layer architecture.
 - Trained the model on the MNIST dataset from Kaggle, achieving 93% accuracy.
- **Vehicle Classifier**
 - Developed a deep learning model for vehicle classification using the TensorFlow framework.
 - Trained the model on a custom dataset prepared by researching online sources achieving 75% accuracy.
 - Designed the front-end with Streamlit and deployed the application on Hugging Face.

POSITION OF RESPONSIBILITY

- **Technical Lead | Adyant Community, MREC** (Dec'23 - Present)
 - Organized and led 5 hackathons, conducting sessions for over 300 college students on diverse topics
 - Coordinated and executed 10+ technical events within the CSE community, increasing student participation by 60%
 - Provided mentorship to 20+ students on domain-specific projects in Machine Learning and Web development.

- Implemented and managed weekly coding contests, boosting competitive programming skills among 100+ students.

ACHIEVEMENTS

- **SMART INDIA HACKATHON** (Aug'22)
 - Led the qualifying team for the Grand Finale of the Smart India Hackathon 2022 Senior Software Edition.
 - Addressed the problem statement of creating 3D maps of disaster-struck areas using images and videos uploaded on social media to improve rescue planning.
 - Developed a web app enabling locals to upload images and videos.
 - Used photogrammetry to create 3D maps from the uploaded media.

CERTIFICATIONS

- **Applied AI by IBM on Coursera.** (Oct '23)

Acquired Python and Watson skills. Built, deployed, and mastered AI concepts like machine learning, deep learning, and NLP through IBM's Applied AI Professional Certificate.
- **Google Cloud Computing Foundations on Google Cloud Skill boost.** (Oct '23)

Mastered the basics of cloud computing and the Google Cloud Platform through practical labs, enhancing cloud deployment skills by 50%.
- **Machine Learning by Stanford University & DeepLearning.AI on Coursera.** (Dec '23)

Gained foundational knowledge of supervised and unsupervised learning techniques, enabling the building and application of neural networks, decision trees, and more to solve real-world problems, particularly useful in achieving 93% accuracy in the MNIST Neural Network project.
- **Microsoft Azure Fundamentals Certificate** (Feb '24)

Acquired foundational knowledge of cloud concepts with a focus on Microsoft Azure. Developed skills in securing, governing, and administering Azure services, enhancing cloud management proficiency by 40%.
- **Natural Language Processing by IIT Kharagpur on NPTEL.** (Apr '24)

Developed vital text processing skills such as pre-processing and language modeling, alongside language and semantic analysis techniques. Learned practical applications including entity linking, summarization, classification, and sentiment analysis.
- **Deep Learning by DeepLearning.AI on Coursera.** (Jun '24)

Developed deep learning skills like building/training neural networks, CNNs, RNNs, and applying NLP techniques. Learned practical applications including detection, recognition, neural style transfer, NER, and question answering.