MOSA PRAVEEN

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Internship

May 2024 – July 2024	**Machine Learning-Intern** ⊡

- Gained hands-on experience in designing, training, and evaluating supervised and unsupervised learning models.
- Performed data preprocessing, feature selection, and model assessment.
- Implemented ML solutions to address real-world challenges through project-based work.

May 2025 – July 2025	**Generative AI with IBM Cloud** ⊡

- Acquired hands-on experience in prompt engineering, model fine-tuning, and deployment.
- Utilized advanced AI frameworks to produce high-quality text, image, and multimedia outputs.
- Applied generative techniques to solve real-world challenges in innovative ways.
- Enhanced technical and analytical skills through project-based learning.

Education

2022 – 2026
Gudlavalleru, India

B-Tech
Seshadri Rao Gudlavalleru Engineering College

Skills

Programming Languages
C, Python, Java

Frontend Technologies
HTML5, CSS3, JavaScript

Tools
GitHub, VS Code

Projects

Sustainable Smart City Assistant
Developed an AI-powered platform using IBM Granite LLM with Streamlit UI, backend APIs, and Pinecone for fast data access. Applied predictive analytics to forecast energy use, resource needs, and environmental trends, with a chatbot for real-time insights and reporting.

Student Performance Prediction
Implemented a predictive analytics model using Python, Pandas, and Scikit-learn to forecast student performance in entrance exams, enabling personalized improvement strategies based on data-driven insights.

OTP Generation
Developed a secure OTP generator in Python with time-bound expiration, ensuring one-time usability and enhancing authentication security.

Certificates

- Python – HackerRank, 2024
- Python – GeeksforGeeks, 2025
- Social Networks – NPTEL, 2024
- Java – HackerRank, 2025