MOSA PRAVEEN

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Internship

May 2024 – July 2024	**Machine Learning-Intern** ⧉
	• Built and fine-tuned machine learning models using supervised and unsupervised techniques to deliver high-impact solutions.
	• Executed data preprocessing, feature engineering, and model evaluation.
	• Provided AI-driven solutions for practical applications through project-based work.
May 2025 – July 2025	**Generative AI with IBM Cloud** ⧉
	• Gained 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 AI techniques to solve real-world challenges innovatively.
	• Enhanced technical and analytical skills through project-based learning.

Education

2022 – 2026 Gudlavalleru, India	**B-Tech** *Seshadri Rao Gudlavalleru Engineering College*

Skills

Programming Languages   **Frontend Technologies**
C, Python, Java   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. Utilized predictive analytics to forecast energy usage, resource needs, and environmental trends.Integrated a chatbot for real-time insights and sustainability reporting.

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

OTP Generation
Developed a web-based OTP generation system using HTML, CSS, and JavaScript with time-bound expiration.Ensured one-time usability and enhanced authentication security through client-side validation and dynamic updates.

Certificates

- Python – HackerRank, 2024
- Python – GeeksforGeeks, 2025

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