

MOSA PRAVEEN

✉ praveenmosa903@gmail.com

☎ 8688369477

📍 Srikakulam, Andhra Pradesh, India

📅 10/06/2005

🌐 LinkedIn – Mosa Praveen

🐙 GitHub – mosapraveen



Education

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

Internship

May 2024 – July 2024	Machine Learning-Intern 🔗 <ul style="list-style-type: none">• 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 🔗 <ul style="list-style-type: none">• 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.

Skills

Programming Languages

C, Python, Java

Frontend Technologies

HTML5, CSS3, JavaScript

Tools

VS Code, GitHub, Jupyter Notebook, Orange

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 [🔗](#)

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 [🔗](#)

Built a web-based OTP system with time-bound expiration, one-time usability, and enhanced security using HTML, CSS, and JavaScript.

Certificates

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