

# MOSA PRAVEEN

✉ praveenmosa903@gmail.com

☎ 8688369477

📍 Srikakulam, Andhra Pradesh, India

📅 10/06/2005

🌐 LinkedIn – Mosa Praveen

🐙 GitHub – mosapraveen

## Education

**Seshadri Rao Gudlavalleru Engineering College**  
*B.Tech in Computer Science and Engineering*

August 2022 – Present  
Gudlavalleru, India

## TECHNICAL SKILLS

### Programming Languages

C, Python, Java

### Frontend Technologies

HTML5, CSS3, JavaScript

### Tools

VS Code, GitHub, Jupyter Notebook, Orange

## Internship

### Machine Learning-Intern ☑

May 2024 – July 2024

- 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.

Remote

### Generative AI with IBM Cloud ☑

May 2025 – July 2025

- 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.

Remote

## 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