

MOKKA MADAN MOHAN

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Hyderabad, Telangana, India

PROFILE

Motivated Machine Learning Engineer skilled in Python, data preprocessing, and model development. Built real-world projects like Email Spam Detection using AWS SageMaker and Number Plate Recognition with CNNs and OCR. Certified in AI, Deep Learning, and Data Analytics, with a strong focus on scalable, cloud-based ML solutions.

EDUCATION

- Malla Reddy Engineering College** 2023 -2026
B. Tech - Computer Science Engineering Hyderabad, Telangana
• GPA: 8.5/10.00
- Bandari Srinivas Institute of Technology** 2023
Diploma – Computer Science Engineering Hyderabad, Telangana
• Grade: 9.6/10.00

PROJECTS

Email Spam Detection | AWS SageMaker | ML Project

- Built a classification model using NLP techniques and deployed it using SageMaker.
- Pre-processed emails using TF-IDF, trained using logistic regression and evaluated using F1 score.
- Deployed real-time prediction endpoint on AWS.

Number Plate Detection System | Computer Vision

- Designed a CNN-based system to detect vehicle number plates.
- Used OpenCV and OCR (Tesseract) to extract alphanumeric data.
- Enabled real-time detection for traffic surveillance use cases.

SKILLS

- **Programming Languages:** Java, Python, SQL
- **Libraries and Frameworks:** Scikit-learn, Pandas, NumPy
- **Web Technologies:** HTML, CSS
- **Database Systems:** Relational Database (MySQL),
- **Version Control:** Git, GitHub
- **Data Visualization:** Matplotlib
- **Cloud Platforms:** AWS(Basics)
- **Machine Learning & AI:** Supervised/Unsupervised Learning, NLP

CERTIFICATIONS

- **AI Fundamentals** – Microsoft Azure (Beginner-level)
- **AI & Deep Learning Internship** – Skilltimate Technologies
- **Data Analytics Simulation** – Accenture (Forage)
- **AI/ML Student Development Program** – EXCELR

COURSEWORK

Data Structures and Algorithms, Object Oriented Programming in JAVA, Computer Networks, Front-End Development, Natural Language Processing [NLP]