

# Mohammed Saad

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## EDUCATION

- **Marri Laxman Reddy Institute of Technology & Management** **CGPA: 8.99/10.0**  
Bachelor of Technology, Computer Science & Engineering 2023 - 2027
- **Narayana Junior College** **Grade: 95%**  
Maths, Physics, Chemistry 2021 - 2023
- **Gowtham Model School** **Grade: 100%**  
SSC, 10th 2021

## EXPERIENCE

### AI/ML Virtual Internship

- EduSkills (AICTE & AWS Academy) Remote  
Apr 2025 – Jun 2025
- Fulfilled a 10-week government-recognized internship focused on core AI/ML concepts such as data preprocessing, model development, and evaluation.
  - Gained hands-on experience with Python and AWS Academy resources to understand cloud-integrated machine learning workflows.

### AI & Cloud Technology Internship

- EduNet Foundation Remote  
Jul 2025 – Aug 2025
- Completed a structured internship covering AI, Cloud Computing, Data Analytics, RAG, and Agentic AI.
  - Performed hands-on labs using IBM Watsonx AutoAI, Granite Models, Watsonx Assistant, and Agentic Lab. Built LearnMate, an Agentic AI-based Career Guidance System using ML workflows, cloud-native architecture, and prompt engineering.

## TECHNICAL SKILLS

- Programming Languages:** C, Java, Python, R  
**Frontend Development:** React.js, HTML, CSS  
**Backend Development:** Node.js, FastAPI.  
**Database Systems:** MySQL, MongoDB (Basics)  
**Developer Tools:** Visual Studio Code, Git, GitHub, Jupyter Notebook

## PROJECTS

### LoMar – Local Defense Against Poisoning Attacks in Federated Learning

- Designed and implemented a client-level defense system to detect and filter malicious model updates in Federated Learning.
- Developed the detection pipeline using Python with Django/Flask and ML frameworks (TensorFlow/PyTorch).
- Applied statistical anomaly detection and validation techniques, improving model robustness and accuracy during testing.

### BragBoard-Internal Employee Recognition

- Engineered a full-stack Employee Recognition Platform (BragBoard) using React and FastAPI to enhance employee engagement
- Integrated PDF report generation using jsPDF for exporting platform insights

## ACHIEVEMENTS AND CERTIFICATIONS

- **Oracle Certification:**  
Completed Oracle Professional Generative AI Certification, covering prompt engineering, LLM fundamentals, and practical generative AI application design.
- **Problem Solving:** HackerRank Silver Badge in Java
- **Actively Participated in AI Workshop :**  
Participated in “AI For Students: Build Your Own Generative AI Model” Workshop, conducted by NxtWave and supervised by Mr. Abhinav Devaguptapu, gaining practical insights into AI and generative model development.