

# Rohan Reddy Marri

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## Profile Summary

Data Science graduate student skilled in Python, SQL, and Machine Learning with hands-on experience developing predictive models and data dashboards. Passionate about using data-driven insights to solve real-world problems in AI and analytics.

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## Education

**University of New Haven** – West Haven, Connecticut

Master of Science in Data Science (Aug 2024 – Expected May 2026)

**Loyola Academy** – Hyderabad, India

Bachelor of Technology in Computer Science and Artificial Intelligence (Aug 2021 – May 2024)

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## Experience & Projects

**Data Analyst (Academic Project)** - University of New Haven, CT

**Healthcare Cost Transparency | Python, AWS, Power BI**

- Built an **AWS-based pipeline** and Power BI dashboards to analyze student healthcare costs.
- Improved cost prediction accuracy and enabled data-driven decision-making.

**Machine Learning Researcher (Academic Project)** - University of New Haven, CT

**Appliances Energy Analysis | Python, ML**

- Modeled **household energy usage** using ML algorithms.
- Enhanced prediction efficiency by **20%** for smart energy optimization.

**AI Project Lead (Academic Project)** – Loyola Academy, Telangana

**Facial Recognition Attendance System | OpenCV, Deep Learning**

- Led a **4 member team** to automate attendance using CNN based facial recognition.
- Achieved **95% detection accuracy** and reduced manual work by **90%**.

**Data Analyst (Academic Project)** – Loyola Academy, Telangana

**Android Malware Detection | Python, Deep Learning**

- Built a **neural network model** to classify Android malware.
  - Boosted detection accuracy by **18%** through optimized feature extraction.
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## Technical Skills

**Languages:** Python, SQL, C, C++, HTML, CSS

**Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, Pandas, Numpy

**Tools & Platforms:** AWS, Power BI, Tableau, Git, VS Code

**Expertise Areas:** Machine Learning, Data Analysis, Visualization, Deep Learning, AI Systems

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## Portfolio

**Website:** [rohanreddy-marri.github.io/rohanreddymarri.github.io](https://rohanreddy-marri.github.io/rohanreddymarri.github.io)