



PATNALA MAHESHWAR

PROFILE

Third-Year B.Tech CSE-AIML Student

Enthusiastic B.Tech CSE-AIML student with strong problem-solving, communication, and leadership skills. Experienced in organising events, hackathons, and MUNs, showcasing teamwork and user-focused execution. Proficient in Python, Java, and data analysis, with a creative mindset and passion for delivering user-centric solutions in product and marketing domains.

EDUCATION

- **VNR VJIE** 2023 - 2027
BTech. CSE - AIML
- **Sri Chaitanya Junior Kalasala** 2020 - 2022
Intermediate - 92.9%
- **St. Andrews School** 2020
High School - 85.2%

PROJECTS

- **CNN-Based UNet Object Detection Model**
 - **Objective:** Designed a CNN-based **UNet** architecture for object detection, achieving 90.74%.
 - **Tools/Technologies Used:** Python, TensorFlow/Keras, OpenCV.
 - **Outcome:** Demonstrated object detection with high precision, showcasing model scalability and effectiveness.
 - **GitHub Repository Link:** <https://github.com/Space-Xplorer/First-ML-Model>
- **LSTM Model for Stock Prediction**
 - **Objective:** Model to predict stock trends, focusing on accuracy and robustness.
 - **Tools/Technologies Used:** Python, TensorFlow/Keras, pandas, matplotlib.
 - **Outcome:** Achieved 98.95% accuracy on stock data analysis.
 - **GitHub Repository Link:** <https://github.com/Space-Xplorer/LSTM-Model-1>
- **Blogging Website - Full Stack Project**
 - **Objective:** To build a fully functional Travel Blog web application.
 - **Tools/Technologies Used:** MERN Technology.
 - **GitHub Repository Link:** <https://github.com/Space-Xplorer/Samyati>
- **Campus Events - Full Stack Project**
 - **Objective:** To build a fully functional student event organisation web application.
 - **Tools/Technologies Used:** MEN Technology. (MERN but EJS instead of ReactJS)
 - This project was developed as part of a 12Hour Hackathon.
 - **GitHub Repository Link:** <https://github.com/Space-Xplorer/Webathon/tree/main>
- **Other Smaller Projects Include:**
 - **Full Stack app using CNN Model** - Made using reactJS, Flask
 - **React Calendar app** - Made using ReactJS, NodeJS, MongoDB.
 - **Personal Expense Tracker** - Made using **Java**, AWT and connecting MYSQL through JDBC
 - **Historical Artifacts database** - Using DBMS and MYSQL as the platform

CONTACT

- ☎ +91-9515871625
- ✉ mareshwarpatn@gmail.com
- 📍 Bachupally, Hyderabad
- 🌐 www.linkedin.com/in/mareshwarpatnala

SKILLS

Programming Languages

- C
- Python
- Java
- C++

Database Skills

- MongoDB
- MYSQL
- SQL

Web Technology

- MERN Stack
- MEN Stack (using EJS)
- EJS
- Express
- ReactJS
- NodeJS

Data Analysis Tools

- Tableau
- PowerBI

Other Skills

- Git & GitHub
- Teamwork
- Leadership
- Effective Communication
- Problem Solving

EXTRACURRICULAR

- **Volunteer at GDGC VNRVJIET:** Actively contributed to organizing technical events, hackathons, and training sessions.
- **Core Member of Stentorian Literature Club:** Played a key role in managing cultural and literary events, fostering creativity and teamwork.
- **Organizer VJMUN:** Took on a leadership role in planning and executing the Model United Nations event, overseeing logistics, social media, and session moderation.
- **Volunteer at CSI VNRVJIET**

ACHIEVEMENTS

- Won **second prize** in a start-up race conducted by Innovation cell of VNR VJIET.
- Won second prize in Bug-Bounty competition conducted by CSI of BVRIT, Nizampet.
- Core Organizer, VJ MUN: Managed a 10-member team to handle social media and videography of the event.
- Volunteer at Google developer groups at campus of VNRVJIET.
- Organized a fun event for 600+ participants, coordinating logistics and ensuring smooth operations.

TRAININGS & WORKSHOPS

• MERN Stack Training	Mar '25
• AICTE - Internship on Stable diffusion models	Feb '25
• TensorFlow Workshop (2 days) organized by GDGC VNRVJIET.	Oct '24
• Design Thinking Workshop by CSI VNRVJIET.	Aug '24
• Got NPTEL Certified in Python Programming.	April '24
• Flutter Training (2 days) by GDGC VNRVJIET.	Dec '23

LANGUAGES

English, Telugu, Hindi