CHAKRADHAR MADURI

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PROFESSIONAL SUMMARY

Aspiring Data Scientist and AI enthusiast with a strong foundation in programming, data analytics, and machine learning. Passionate about solving real-world problems using data-driven solutions. Experienced in leading projects and hackathons.

EDUCATION

Malla Reddy Institute of Technology **CGPA – 8.2**
B. Tech - Computer Science and Engineering 2022 - Present

WORK EXPERIENCE

Python Developer Intern | Durbhasi Gurukulam (AICTE Internship) **Sep 2025 – Present**
- Designing and developing backend applications and RESTful APIs using Python frameworks with a focus on clean, efficient, and maintainable code. Experienced in working with databases (MySQL), debugging, and deployment tools like Docker and Git to deliver robust solutions. Currently working on web crawlers, MCP servers, and solving real-world Python problems.

Virtual Internship – Introduction to Data Science **Aug 2025**
- Skilled in building data pipelines, anonymizing sensitive data, and designing databases for efficient social media data analysis and insights.

Virtual Internship Trainee – Data Visualization **Apr 2025**
- Skilled in data visualization and interpreting complex datasets to deliver actionable business insights.

TECHNICAL SKILLS

Programming Languages: Python, C, JAVA, SQL, HTML, CSS, JS(Basics).
Developer Tools: Git, Google Cloud Platform (GCP), VS Code, PyCharm, Anaconda.
Libraries: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn, XGBoost,TensorFlow, Keras, PyTorch, Streamlit

PROJECTS

- **SmartTask – End-to-End Task Management Application**
  - Built a full-stack task management system using FastAPI, React.js, and MySQL, with JWT authentication, CRUD APIs, and Dockerized deployment; documented APIs using Swagger and Postman.
- **Blockchain-Based Certificate Verification System**
  - Built a Python desktop app to securely issue and verify academic certificates using SHA-256 and blockchain.
- **Frequent Itemset Mining using ECLAT Algorithm**
  - Developed an ECLAT algorithm to find frequent item sets in transactional data.

CERTIFICATION

- **Python In-Depth** | Udemy
- **Data Analysis with Python** | IBM
- **Data Visualization with Python** | IBM
- **TCS iON Carrer Edge – Young Professional** | TCS
- **Data Analysis Job Simulation** | Deloitte
- **Data Visualization: Empowering Business with Effective Insights** | TATA
- **Prompt Engineering** | Infosys Springboard

ACHIEVEMENTS

President – Rotaract Club of Malla Reddy Institute of Technology **2024–2025**
- Led a 40+ member team in organizing community service initiatives like Clay Ganesha and blood donation drives, impacting 500+ students through sustainability and health campaigns.

DECLARATION

I hereby declare that all the information provided above is true and correct to the best of my knowledge.