Badugu Manoj

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EDUCATION

CVR College of Engineering — June 2022 - Present
Bachelor of Technology in Computer Science and Engineering (Data Science) — *CGPA: 7.3/10*

Sri Gayatri Junior College — May 2020 - May 2022
Intermediate (12th Standard) — *Percentage: 87 percent*

Dilsukhnagar Public School — June 2020
Secondary School Certificate — *CGPA: 10/10*

EXPERIENCE

Data Science Master Virtual Internship — July 2024 - Sep 2024
Altair — *Remote*

- Applied data science techniques on datasets with over 10,000 records to solve real-world business problems.
- Performed data cleaning and feature engineering, improving model performance by approximately 15 percent.
- Built and evaluated machine learning models achieving up to 96 percent accuracy on test datasets.
- Created data visualizations and reports to communicate insights for decision-making.

PROJECTS

User Entity and Behavior Analytics — Machine Learning
Python, HTML, CSS, JavaScript

- Built an anomaly detection system using Random Forest achieving 96 percent accuracy on validation data.
- Reduced false positive alerts by approximately 20 percent through feature engineering and tuning.
- Processed and analyzed thousands of user activity records for continuous monitoring.

Live Weather Forecasting System — Web Development
HTML, CSS, JavaScript

- Developed a responsive web application delivering real-time weather data using public APIs.
- Integrated multiple data sources including weather stations and satellite feeds.
- Improved usability across devices, supporting both desktop and mobile platforms.

TECHNICAL SKILLS

Languages: Java, SQL (MySQL), JavaScript, HTML, CSS
Frameworks and Libraries: ReactJS, Pandas, NumPy, Matplotlib
Tools: Object-Oriented Programming, SDLC, Excel, Word, PowerPoint
Other Skills: Problem-Solving, Communication

CERTIFICATIONS AND LEARNING PATHS

- **Salesforce Certified Agentforce Specialist** - Salesforce
- **OCI 2025 Certified AI Foundations Associate** - Oracle
- **Database Design and Programming with SQL** - Oracle Academy
- **AWS Academy Graduate - Cloud Foundations**
- **Altair Data Science Master** - Altair RapidMiner
- **Alteryx Data Analytics Process Automation** - Alteryx SparkED
- **Google AI and Cloud Career Launchpad (Data Analytics Track)**