

Badugu Manoj

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EDUCATION

CVR College of Engineering

B.Tech in Computer Science and Engineering (Data Science)

June 2022 – present

CGPA: 7.3/10

Sri Gayatri Junior College

Intermediate (12th Standard)

May 2020 – May 2022

Percentage: 87%

Dilsukhnagar Public School

Secondary School Certificate (SSC)

June 2020

CGPA: 10/10

INTERNSHIP

Data Science Master Virtual Internship

Altair

July 2024 – Sept. 2024

Remote

- Applied data science techniques to solve real-world business problems.
- Performed data cleaning, feature engineering, and model evaluation for actionable insights.
- Enhanced skills in data visualization and statistical analysis for decision-making.

PROJECTS

User Entity and Behavior Analytics

Python, HTML, CSS, JavaScript

Machine Learning

- Built a behavioral analytics system leveraging Random Forest models to detect anomalies in enterprise networks with 96% accuracy and 20% fewer false positives.
- Developed a full-stack web app using React, featuring secure authentication, interactive dashboards, and anomaly alerts.
- Implemented real-time data pipelines for continuous monitoring and threat detection.

Live Weather Forecasting System

HTML, CSS, JS

Web Development

- Designed a responsive web application delivering real-time weather data using APIs, HTML, CSS, and JavaScript.
- Integrated multiple data sources (weather stations, satellites, radars) for accurate forecasting
- Optimized the UI for seamless use across web and mobile devices.

TECHNICAL SKILLS

Languages: Java, SQL (MySQL), JavaScript, HTML, CSS

Frameworks/Libraries: ReactJS, Pandas, Numpy, Matplotlib

Tools: Object-Oriented Programming, SDLC

Other Skills: Problem-Solving, Communication skills

CERTIFICATIONS AND LEARNING PATHS

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