

# JAYA KRISHNA MURAHARI

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## Professional summary

Aspiring Data Analyst with hands-on experience in Power BI, Python, and Machine Learning. Proficient in data preprocessing, model training, and visualization. Passionate about deriving actionable insights from data to drive decision-making.

## Work Experience

### **Data Analyst Intern | Infosys | 2024**

- Contributed to data analysis projects using **Microsoft Power BI**.
- Created interactive dashboards and visualizations to deliver actionable insights.
- Assisted in data modeling and report generation as part of the **PL-300** course application.

## Education

### **Vaagdevi College of Engineering, Warangal**

B.Tech in Computer Science & Engineering | CGPA: 7.12/10 | 2022–2025

### **Government Polytechnic College, Warangal**

Diploma in CSE | CGPA: 7.45/10 | 2019–2022

### **Kiwi Public School, Warangal**

CGPA: 8.7/10 | 2018–2019

## Projects

### **Predicting Dissolved oxygen levels in river water**

- Developed a **GUI-based machine learning application** using Python and Tkinter to predict **Dissolved Oxygen levels in river water** based on water quality parameters.
- Integrated **data preprocessing, correlation analysis, model training** (Linear Regression, Random Forest), and **performance visualization**.
- Implemented user authentication and prediction interface, emphasizing **data science, model evaluation** and **real-time inference**.

### **Groundwater Level Analysis in Telangana**

- Collected and cleaned datasets for groundwater levels across Telangana.
- Designed dashboards and visualizations using **Power BI** to analyze and present data insights.
- Performed data modeling and reporting to identify patterns and trends.

## Skills

**Languages:** Python, Java, C Programming, MySQL

**Data Tools:** Power BI, MS Excel, Pandas, Matplotlib, Seaborn

**Web Development:** HTML, CSS

**Other Tools:** MS Word, MS PowerPoint

## Certifications

- **Cisco Networking Academy – Data Analytics Essentials**
- **AWS Academy – Cloud Foundations**
- **MSME – (E-SDP) on Data Automation, Statistics & Analytics (Python)**