

# VEDA SAMHITHA

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[Github](#)

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## SKILLS

- **Data Analysis and Visualization:**  
Power BI, Tableau, Excel
- **Databases:** SQL, MongoDB, PostgreSQL
- **Languages:** Python, Javascript
- **Python Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, PyTorch.
- **Web Technologies:** Html, CSS, React.
- **Automation Tool:** Power Automate
- **Collaboration:** Git, Jira
- **Deployment:** Vercel, Render
- **CI/CD:** Jenkins, GitLab
- **Cloud:** AWS, Azure

## EDUCATION

B.Tech, Computer Science,  
2022-2026

Woxsen University, India

**CGPA:** 3.03/4

## CERTIFICATIONS

- **Data Analysis and Visualization with Power BI** - Microsoft
- **Exploratory Data Analysis for Machine Learning** - IBM
- **Dynamic Programming, Greedy Algorithms** - University of Colorado Boulder
- **SQL Verified Certification**
- **Python Verified Certification**
- **SQL Gold Badge** - HackerRank
- **Artificial Intelligence Primer Certification** - Infosys

## PROFESSIONAL SUMMARY

Final-year B.Tech CSE student with hands-on experience in data analytics (Excel, Python, Power BI, SQL, Tableau), machine learning (Scikit-learn, PyTorch), and software development . Skilled in collaborative problem-solving, system design, and delivering data-driven solutions in diverse team environments, with a strong interest in applying AI/ML for real-world business outcomes.

## INTERNSHIP

**Data Analyst Intern – Maini Precision Products, Bangalore**

*Feb 2025 - May 2025*

- Analyzed large datasets to identify trends and support data-driven decisions
- Created interactive dashboards using Power BI (DAX measures), Excel, and SQL
- Automated workflows with Power Automate, improving efficiency and reducing manual effort.

## KEY PROJECTS

**Library Management System - MERN Stack**

[Github](#)

**Tech Stack:** MongoDB, Expressjs, React, Nodejs

- Developed a Library Management System using the MERN stack and deployed it using Vercel and Render.
- Implemented features for book cataloging, user management, and borrow/return tracking.
- Ensured secure authentication and optimized data handling for efficient library operations.
- Gained hands-on experience in full-stack development and database management.

**Farm Forecast - Machine Learning + MERN Stack**

[Github](#)

**Tech Stack:** Python, Pandas, NumPy, Scikit-learn, MongoDB, MERN Stack

- Built a crop price prediction model using historical agricultural data. Integrated the machine learning model into a MERN stack website for real-time price forecasting.
- Delivered data-driven insights to farmers, enhancing decisionmaking accuracy.

**Mortality Rate Prediction - Machine Learning + Data Visualization**

[Github](#)

**Tech Stack:** Python, Power BI

- Built ML model to predict mortality rate.
- Performed PCA and correlation analysis to identify key health risk factors.
- Created interactive dashboards in Power BI with custom DAX measures.