VEDA SAMHITHA

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Github   **Linkedin**

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 BTech CSE student skilled in Python, data analysis, and machine learning (Scikit-learn, PyTorch). Experienced in developing data-driven solutions using Excel, SQL, Power BI, and Tableau. Hands-on with web scraping, structured data extraction, and ML model implementation. Strong interest in applying AI/ML to cybersecurity, with proven teamwork and problem-solving skills.

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
Tech Stack: Python, Power BI   Github

- 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.