Avisa Abhiram

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Career Summary

Passionate and results-driven third-year B.Tech Computer Science (Data Science) student at Vardhaman College of Engineering, specializing in Artificial Intelligence, Machine Learning, and Data Analytics. Proficient in Python, Java, and JavaScript, with hands-on experience using tools like Git, Visual Studio Code, Tableau, and Power BI. Skilled in working with databases such as MySQL and MongoDB, and frameworks like React.js, Node.js, Pandas, and Scikit-learn. Eager to apply AI-powered, data-driven solutions to real-world challenges through impactful internship opportunities.

Education

- **Vardhaman College of Engineering**, B.Tech in Computer Science (Data Science)   *Aug 2023 – May 2027 (Expected)*
- **Narayana Junior College**, Kukatpally   *2021 – 2023*
- **Bhashyam High School**, Nizampet   *2011 – 2021*

Projects

- **EcoBot – Plastic Detection in Water Bodies using YOLOv8** *(Python, YOLOv8, Flask, JavaScript, OpenCV)*
  - Developed a web application that detects plastic objects in water using YOLOv8.
  - Users upload satellite or underwater images; plastic waste is identified and mapped.
  - Extracted geospatial coordinates from images to assist in cleanup zone planning.
  - Supports environmental organizations in efficient pollution tracking.

Technical Skills

- **Languages:** Python, Java, JavaScript, C
- **Tools:** Git, VS Code, Tableau, Power BI
- **Frameworks:** React.js, Node.js, Pandas, Scikit-learn
- **Databases:** MySQL, MongoDB
- **Other:** HTML, CSS, REST APIs, Agile

Certifications

- IBM Machine Learning – Coursera, 2025
- Full Stack Web Development – Udemy, 2025
- Python for Data Science – NPTEL, 2024
- Data Analytics with Python – NPTEL, 2024

Internships

- Completed Online Internship in "Artificial Intelligence and Machine Learning using Python" at NIELIT Virtual Academy

Achievements

- Secured 1st place in Datahack Hackathon conducted by VCE, 2025.
- Held positions such as Class Representative and Event Organizer.
- Organized an event named "Ideathon" as a part of "Festronix" conducted by VCE, 2024