VIBIN D

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Objective

AI & Data Science undergraduate with foundational knowledge in Machine Learning and hands-on experience in Python, data analysis, and web development. Familiar with building and evaluating ML models and eager to apply data-driven solutions to real-world problems.

Education

Bachelor of Science (AI & DS) | Rathinam College of Arts and Science | 2024 - 2027
HSC | Devanga Hr Sec School | 2022 - 2024
SSLC - Sri Visweswara Vidyalaya Matric Hr Sec School | 2021 - 2022

Skills

- **Programming Languages :** Python, Java, HTML, CSS, JavaScript
- **Backend & Databases :** Django, Flask, PostgreSQL, MySQL

Data Science & Machine Learning

- Supervised Learning (Linear Regression, Logistic Regression, KNN, Decision Tree, Random Forest)
- Unsupervised Learning (K-Means , DBSCAN)
- Model Evaluation (Accuracy, Precision, Recall, R^2)
- Data Preprocessing (Cleaning, Encoding, Scaling)
- Libraries: NumPy, Pandas, Scikit-learn, Matplotlib

Projects

College Event Website

- Developed a responsive website for a college event with multiple event categories, registration forms.
- Implemented user-friendly UI for event details, schedules, and registration forms.
- HTML, CSS, JavaScript, Django, PostgreSQL.

CampNotes

- Developed a department-level web application for sharing academic notes among staff and students.
- Implemented secure upload and instant download features with role-based access control.
- HTML, CSS, JavaScript, Django, PostgreSQL.

Workshop

Mastering Generative AI – IISc Bangalore : Gained hands-on experience with generative AI models and real-world applications across text, image, and data generation.
Tools : Python, TensorFlow, Prompt Engineering, Tik Tokenizer.
Introduction to Machine Learning – IIT Palakkad : Acquired foundational knowledge of supervised and unsupervised learning, model evaluation, and optimization techniques.
Tools : Python, NumPy, Pandas.

Certificates

- Git and GitHub - Google
- Programming with JavaScript - Meta