Darshan Bhaiya

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Education

Shri Ramdeobaba College of Engineering and Management   (2021 - 2025)
BTech. Computer Science and Engineering (Data Science) (GPA: 8.3 / 10)   *Nagpur, Maharashtra*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Compiler Design, Operating System, Data Base Management System, Computer Networks

Technical Skills

Languages and Tools: C, C++, Python, SQL, Git, GitHub, Power BI, Tableau, VS Code, Linux
Web Development: HTML, CSS, JavaScript, Flask, SQLite
Machine and Deep Learning: Scikit-learn, TensorFlow, Keras
Soft Skills: Collaboration, Problem-Solving, Critical Thinking, Attention to Detail, Resilience, Negotiation
Concepts: Neural Networks, CNN, RNN, Agile Methodology

Projects

HEALTH CHECKUP RECOMMENDATION SYSTEM ○
- Implemented ML-based framework for precise doctor visit recommendations.
- Analyzed data from diverse Health Models for conclusive results.
- Improved accuracy by 25% and reduced recommendation time by 30%.
- Technologies Used: *HTML, CSS, JavaScript, Python, Flask, Jinja2, Scikit-learn, SQLite*

Landscape Identification System ○
- Developed a sophisticated deep learning project capable of accurately identifying landscapes from input images.
- Used to classify land cover and environmental monitoring.
- Technologies Used: *TensorFlow, Keras, CNN, RNN*

ORDER MANAGEMENT SYSTEM (OMS) FOR AVA SOY NUTRIENTS
- Using agile methodology, engineered an Order Management System (OMS) for AVA Nutrients, enabling efficient customer management, inventory tracking and order processing including alerts for low inventory levels, production monitoring and auto updates of information.
- Implemented actionable insights features, leading to optimized inventory levels and improved decision-making.
- Technologies Used: *HTML, CSS, JavaScript, Python, Flask, SQLite, Jinja2*

US AIRLINES DELAY ANALYSIS ○
- Insights on delay percentage, average delay time, busiest airports by flights and runways, airline-wise delay
- Visualized delay patterns and identified key factors influencing flight delays, aiding in strategic decision making.
- Used Excel Power Query to clean data.
- Technologies Used: *Tableau Dashboard, Excel*

Achievements

100+ DSA Questions on Leet Code and other platforms

College Level SIH (Smart India Hackathon) Finalist

Experience

DASCA (Data Science Association)   Nov 2023 – May 2024
Executive Member   *Nagpur, Maharashtra*
- Organized events such as Akruti and various others to promote engagement within the Data Science Community.

O(1) CODING CLUB   Nov 2021 – Feb 2023
Intern   *Remote*
- Mentored students, leveraging technical expertise to guide their learning.