DINESH NERELLA

Hyderabad, Telangana

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Education

Vignana Bharathi Institute of Technology — Dec. 2021 - Present
Bachelor of Technology in Computer Science and Engineeering (Data Science) — Hyderabad, Telangana

Sri Vikas Junior College — Jun. 2019 - May. 2021
TS Board of Intermediate Education, MPC — Warangal, Telangana

Technical Skills

Languages: Java, Python, C, SQL
Web Technologies: HTML, CSS, JavaScript
Technologies/Frameworks: Spring, Spring Boot, TensorFlow, Scikit-learn, Git, GitHub, JUnit, Power BI
Developer Tools: VS Code, Jupyter Notebook

Soft Skills

- Communication
- Time Management
- Adaptability
- Leadership

Projects

Real-time Food Detection and Calorie Estimation System | *OpenCV, Tensorflow, JavaScript* 🔗 — June 2024
- Developed a real-time system to detect various food items and estimate their calorie content using Computer Vision and Deep Learning techniques.
- Implemented Convolutional Neural Networks (CNNs) for accurate food detection and trained the model on a diverse dataset of food images.

Cat Vs Dog Classifier | *Python, TensorFlow, Keras* 🔗 — March 2024
- Developed a deep learning model using TensorFlow and Keras to classify images of cats and dogs and implemented convolutional neural networks (CNNs) to achieve high accuracy in image classification.
- Trained the model on a large dataset and performed data augmentation to enhance the model's performance.

Experience

Bharat Intern — February 2024 - March 2024
Data Science Intern — *Virtual Internship*
- Worked on a variety of data science projects to analyze and visualize data using Python and popular libraries such as Pandas and Matplotlib.
- Developed machine learning models to provide insights and predictions from large datasets.

Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOPs
- DBMS
- Operating Systems
- Machine Learning

Certifications / Achievements

- **ServiceNow:** *Certified System Administrator*
- **ServiceNow:** *Certified Application Developer*
- **Oracle:** *Database Foundations*
- **Microsoft:** *Microsoft Power BI Data Analyst Associate*
- **Coursera:** *Machine Learning for All - University of London*
- **Infosys Spring Board:** *Learn Programming With Java*

Coding Profile

- **LeetCode:** leetcode.com/DineshNerella

Leadership / Extracurricular

DataVedhi.Club — August 2023 - Present
Technical Lead — Vignana Bharathi Institute of Technology
- Organized a technical boot camp on Power BI, to enhance members' data visualization skills.
- Coordinated with team members to deliver insightful presentations and hands-on sessions for all participants.

News Letter — August 2023 - Present
Editor in chief — Vignana Bharathi Institute of Technology
- Led a diverse team, managing content creation and editing for timely, high-quality newsletter publication.