NIKHILA GATADI

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in https://www.linkedin.com/in/nikhilagatadi/

In request of an ambitious Carrer that provides me an opportunity to work with a diverse group of people, enhance my professional skills and contribute to for the development of the organization

Education

Malla Reddy University (*Bachelor of Technology, CSE*)   **2021 − 2025**
- GPA: 7.9
- **Coursework:** Computer Architecture, Computational Theory

State Board of Intermediate Education (*SR Junior College*)   **2019 − 2021**
- GPA: 7.56

Board of Secondary Education (*Brilliant Grammar High School*)   **2018 − 2019**
- GPA: 9.0

Experience

Software Intern (Coursera)   **Dec 2024 − May 2025**
- Designed and executed SQL queries and integrated databases with Python for data science workflows.
- Developed and optimized Python scripts using core data structures, loops, and functions.
- Performed data analysis and visualization with Pandas and NumPy on real-world datasets.
- Built and structured responsive web pages using HTML5.

Skills: Python, SQL, Pandas, NumPy, HTML5

Projects

Liver Disease Diagnosis and Using Machine Learning and Deep Learning   **2024-2025**
- Implemented Logistic Regression, SVM, ANN, and CNN for liver disease prediction on datasets and medical images.
- Designed dual modules for tabular data classification and image-based diagnosis.
- Achieved superior accuracy with CNN compared to traditional ML models.
- Improved diagnostic speed and reliability with an automated system.
- Tools: Python, TensorFlow, Keras, Scikit-learn, OpenCV, Pandas, NumPy

Pedestrian Detection Using HOG   **2023-2024**
- Implemented HOG feature extraction to capture local gradient information for pedestrian shape recognition.
- Pre-processed input images and extracted robust features for classification.
- Trained and evaluated a Support Vector Machine (SVM) model for pedestrian detection.
- Enhanced detection accuracy for autonomous vehicles and surveillance applications.
- Tools: Python, OpenCV, Scikit-learn, NumPy

Skills

Programming: Python, C, Java, SQL, JavaScript
Web Technologies: HTML5, CSS
Libraries & Frameworks: Pandas, NumPy, TensorFlow, Keras, Scikit-learn, OpenCV

Certifications

- The Complete Python Developer (Udemy)
- Programming in Java (IIT Kharagpur – NPTEL)
- Databases and SQL for Data Science with Python (IBM – Coursera)
- Cambridge B2 Level Certification