CHAITANYA PHAD

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OBJECTIVE

Actively seeking for an Internship opportunity to enhance my Skills in a real-world professional setting. eager to contribute my enthusiasm and strong work ethic to support to an organization in achieving its goals while gaining valuable hands-on experience and insights.

EDUCATION

Vishwakarma Institute of Technology
B.Tech - Computer Engineering
2021 – 2025 CGPA: 8.46

New Junior College Parli - V
HSC - 90.50%

New High School Parli - V
SSC - 96.00%

SKILLS

- Programming languages - C, C++, JAVA, Python, R, Bash.
- Data Structures and Algorithms
- HTML, CSS, JavaScript, React, PHP
- MySQL, RDBMS
- Data Science, Machine learning
- Pytorch, Scikit-learn
- Pandas, Numpy, Matplotlib, Seaborn
- Git and Github
- Problem Solving
- Teamwork and Leadership
- Statistics

CERTIFICATIONS

- Google Cloud Computing Foundation
- Associate Cloud Engineer Course from GCP
- Data Science Training and Internship at Corizo
- MySQL for beginners by Udemy
- Complete Data Science BootCamp by Udemy
- Introduction to Cloud Computing by IBM

HOBBIES

- Music Listening
- Traveling
- Reading

PROJECTS

Crop Price Prediction Using Machine Learning

- Developed a machine learning model to forecast crop prices based on historical data, weather patterns, market trends, and agricultural statistics.
- Integrated data preprocessing techniques like winsorization to clean and preprocess the dataset for effective model training.
- Implemented various machine learning algorithms like DT, RF, XGB, SVM, etc to analyze and predict crop prices accurately with maximum R-squared value 0.85

Smart Agriculture and Plant Disease Prediction

- Implemented smart agriculture system using machine learning to predict and identify plant diseases early.
- Utilized KNN, SVM, and VGG19 for accurate disease classification with 57%, 99% and 91% Accuracies respectively.
- Integrated IoT sensors for real-time data collection, aiding farmers in optimizing crop yield and ensuring sustainable practices.

Image Caption Generation using Deep Learning

- Implemented a deep learning model to automatically generate descriptive captions for images.
- Applied advanced neural network architectures to seamlessly integrate CNNs' image feature extraction capabilities with LSTM networks' sequential data modeling, resulting in contextually relevant and linguistically accurate captions for diverse image

Currency Recognising app for visually impaired people

- Developed a real-time currency recognition application using YOLOv8 state-of-the-art object detection algorithm
- Implemented a portable device with integrated camera and audio feedback
- Leveraged computer vision techniques for image analysis.

VOLUNTEERING AND EXPERIENCE

- Volunteered for Aatmabodh a Digital Literacy Program Organised by SWD club of VIT Pune
- Participated in Smart India Hackathon (SIH) 2023
- Database head at The Investment Forum,VIT Pune
- Technical volunteer and co-ordinator at VEH, VIT Pune.