VAIBHAV KALUNGADA

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LinkedIn • GitHub • Portfolio

SUMMARY

Solution-driven Computer Science Engineer with a passion for Data Science, AI, and software development. Demonstrates excellence in collaborating across teams to deliver innovative solutions for real-world problems. Proven success in developing advanced systems for agriculture, healthcare, and more. Known for diligence, adaptability, and a commitment to quality work in fast-paced environments.

EDUCATION

Bachelor of Engineering, Computer Science — Dec 2021 - May 2025

- Angadi Institute of Technology and Management, Belagavi, Karnataka, India

Pre-University Course(XII) — Jun 2020 - Jul 2021

- Govindram Seksaria Science PU College,Belagavi-590001

TECHNICAL SKILLS

- Languages: Python, C, Java, SQL
- Frameworks: PyTorch, Flask, MySQL
- Tools: MySQL, Data Analytics, Excel, Microsoft Office
- Other Skills: Cyber Security, Ethical Hacking, Data Visualization, Cloud Computing

PROJECTS

1. **Plant Disease Detection System**

- A crucial tool for modern agriculture, this project uses Convolutional Neural Networks built in PyTorch to detect plant diseases efficiently. The system helps farmers by identifying diseases early, improving crop yields.
- **GitHub: Plant Disease Detection**

2. **Data Science Project**

- Led the end-to-end process of gathering, cleaning, visualizing, and modeling data using Python. Applied various algorithms to generate insights and predictions, enhancing decision-making processes.
- **GitHub: Data Science Project**

3. **Farmer Management System**

- Developed a web-based platform using Python Flask, XAMPP, and MySQL to streamline the sale and purchase of agricultural products, providing farmers with an online marketplace.
- **GitHub: Farmer Management System**

4. **Heart Disease Prediction**

- Built machine learning models to predict heart disease based on clinical features, achieving 86% accuracy. Utilized data visualization and feature engineering techniques to enhance model performance.
- **GitHub: Heart Disease Prediction**

5. **Skin Disease Detection**

- An advanced system for diagnosing skin diseases through image recognition. Utilized deep learning techniques to build a user-friendly application that aids healthcare providers and individuals in identifying skin conditions.
- **GitHub: Skin Disease Detection**

CERTIFICATIONS

- Tequed Labs-Cyber security and Ethical hacking, Python Programming
- Great learning -Excel and programming basics c
- Udemy-Data Science in Python
- Internship Studio-Data analytics

ADDITIONAL INFORMATION

- Languages: English, Hindi, Marathi, Kannada
- Proficiencies: Python, Data Analytics, Machine Learning, Web Development

AWARDS & RECOGNITION

- 2nd Place in Ingenious - A Project Exhibition, Recognized for outstanding contributions to innovation with the Plant Disease Detection system.