

Enthusiastic and driven final-year BTech AIML student with a strong foundation in software engineering and a passion for creating innovative solutions in IT and AI/ML. Seeking an opportunity to apply my skills in and contribute to cutting-edge projects and collaborate with a dynamic team to enhance my technical expertise and deliver impactful results.

Projects

MedFusion | AI-Driven Diagnostic Platform for Medical Imaging and Reports

September 2024

- **Technologies Used:** TensorFlow, VGG Network, CNN, React
- Developed an AI platform for multi-disease detection (e.g., brain MRI analysis, skin cancer classification) with high accuracy and real-time diagnostics.
- Preprocessed large datasets and trained deep learning models for fast, reliable results.
- Implemented secure data handling and API integration for seamless healthcare diagnostics.

Perso Schijf | Verifying Attendance Using NFC

November 2023

- Created a secure attendance verification system using RFID technology and NFC integration.
- Engineered a compact digital ID solution, replacing traditional documentation processes.
- Collaborated on integrating hardware and software with Arduino for real-time verification.

Sign Language Recognition | Hand Gesture Detection

January 2023

- **Technologies Used:** Python, OpenCV, Scikit-learn, Computer Vision.
- Built a sign language recognition system for accessibility, combining real-time hand landmark detection with ML classification.
- Conducted data preprocessing, feature extraction, and trained models for high classification accuracy.

Education

Jain University | BTech Artificial Intelligence and Machine Learning (CGPA: 7.21)

2021 - 2025

PES PU College | 12th (Percentage: 84.5%)

2021

Sri Saraswathi Vidya Mandira | 10th (Percentage: 91.36%)

2019

Skills

• DSA • Machine learning • Natural Language Processing • Deep Learning • Computer Vision • AWS • Python • Java
• HTML & CSS • React • PyTorch • Git • MongoDB/MySQL

Certifications

- **Python:** Successfully completed the “The Complete Python Pro Bootcamp” course by Udemy.
- **Machine Learning:** Completed the “IBM Machine learning” course by Coursera.
- **Natural Language Processing:** Successfully completed the “NLP with Python” course by Coursera.