

Mallajosyula Sai Yeswanth

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Education

Amrita Vishwa Vidyapeetham

B-Tech | Computer Science - Cyber Security | CGPA - 8.79

10/2021 – present | Chennai, Tamil Nadu

Skills

Programming (C/C++, Java, Python), **Web Development** (HTML, CSS, Java Script),

Tools (VS Code, Cisco Packet Tracer, Adobe, Burp Suite, Wireshark, Virtualbox), **Frameworks** (Linux/Ubuntu)

Projects

Plant Disease Detection

07/2023 – 10/2023

- Engineered a plant disease detection system with Flask-Python, achieving 90% accuracy in disease identification.
- Implemented deep learning algorithms for 30+ plant diseases, computing metrics with 98% accuracy.
- Validated the AI application, achieving 90% success in disease identification and 98% metric accuracy.

Buffer Overflow Detection

07/2023 – 10/2023

- Detected buffer overflow in a given C code by analyzing 100+ sequences of memory access patterns.
- Leveraged Recurrent Neural Networks with 6 different layers for implementing buffer overflow Classification.
- Performed multiclass prediction with 93% accuracy.

Credsopt - Vulnerability Detector

01/2023 – 04/2023

- Developed an application using Flask and ReactJS, that has 4 - 5 connecting pages.
- Detected vulnerabilities like spam mail, malicious URLs, and weak passwords with more than 90% success rate.
- Accomplished 97.5% accuracy for the models.

Charmer

01/2023 – 04/2023

- Flourished and deployed a robust application that uses ReactJS and Flask, resulting in a 50% reduction in manual data entry.
- Discerned image encryption, age-gender detection, and emotion detection with a more than 90% success rate.
- Achieved 98% accuracy for the detection models.

MMK Convulsant Solutions

08/2022 – 11/2022

- Engineered a comprehensive hospital service management system with a Python Tkinter front end with 6 pages for the website.
- Utilized Mysql as a backend to store 5-6 tables of hospital information.
- Streamlined hospital service delivery, ensuring a user-friendly experience with more than 95% success rate.

JEST24

08/2022 – 11/2022

- Augmented a sports website featuring interactive pages for 3 popular sports Cricket, Football, and Badminton.
- Adapted HTML, CSS, and JavaScript for building 5+ pages for each sport.
- Implemented real-time sports updates and statistics, enhancing user engagement 24/7.

Certificates

FICE - Deep Learning Model optimization workshop

12/2023 – 12/2023

- Used different accelerators to run the AI model to improve efficiency.

Cyber Security Intern in Corizo

06/2023 – 08/2023

- Identified different vulnerabilities in websites.
- Worked on a vuln hub called colddbox and exploited vulnerabilities.

DSA with Java - Apna College

05/2022 – 05/2023

- Learned how to use different data structures along with OOPS.

Introduction to Machine Learning

11/2021 – 11/2021

- Acquainted with the basics and different models of ML.