

# Sampreeth D S

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## EDUCATION

- **SDM Institute of Technology** Ujire, India  
*Bachelor of Computer Science and Engineering; CGPA: 7.31* May 2024
- **Sri Sai Angels Pre-University College** Chikkamagaluru, India  
*Pre-University Education; Percentage: 78.33* March 2020
- **Jyothir Vikas English Medium School** Kadabagere, India  
*Secondary Education; Percentage: 81.28* April 2018

## TECHNICAL SKILLS

- **Languages:** Python, HTML, CSS, C, SQL, Data Structures, Machine Learning
- **Database Platforms:** MySQL, XAMPP
- **Other Technologies:** Git and GitHub, Microsoft Office

## INTERNSHIP AND TRAINING

- **Zephyr Technologies and Solutions Pvt Ltd** Mangalore  
*AI/ML Student Intern* 14th Aug 2023 – 14th Sep 2023
  - Content: Python, NumPy, Pandas, Machine Learning Algorithms with a Mini Project
  - Working Platform: Jupyter Notebook
  - Project Done: Developed an Email Spam Detection model using Logistic Regression which accurately classifies the input mail as spam or ham.
- **Intrainz Innovation Pvt Ltd** Virtual Internship  
*Web Development Student Intern* 1st Apr 2023 - 31st May 2023
  - Content: HTML, CSS with a Mini Project
  - Working Platform: Visual studio code
  - Project Done: Designed a Student Grade Calculator using HTML, CSS and JavaScript which calculates the percentage based on the marks of students.

## PROJECTS

- **Crop Disease Detection and Recommendation System:** Developed a Crop Disease Detection and Recommendation System using machine learning and deep learning techniques. The system identifies crop diseases from images with high accuracy and offers personalized recommendations for crops and fertilizers based on agricultural data. This enhances productivity and sustainability by empowering farmers with actionable insights for optimal crop management and resource utilization.
- **Blood Bank Management System:** Developed a web-based application using Django for the backend and HTML, CSS, and JavaScript for the frontend. Facilitated efficient management of blood donation activities, including donor registration, inventory management, and donation request handling. Implemented secure and scalable database solutions, designed an intuitive user interface, integrated real-time tracking of blood inventory levels, and enhanced system security through robust authentication and authorization mechanisms.
- **Email Spam Detection:** Developed an efficient email spam detection system using the Logistic Regression algorithm to classify emails as spam or non-spam. Implemented the front end with Streamlit, providing an intuitive and user-friendly interface for real-time spam analysis. Utilized a dataset for training and evaluation, achieving high accuracy and precision in spam detection. Enhanced the model with feature engineering techniques to improve performance. Ensured seamless integration and deployment for end-users.

## CERTIFICATES

- **Zephyr Technologies and Solutions Pvt Ltd:** AI/ML Student Intern
- **Oyasis Infobyte:** Data Science Student Intern
- **Coursera:** Crash Course on Python by Google