

# RATHIDEVI S

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## OBJECTIVE

To secure a responsible career opportunity to fully utilize my practical knowledge and skills by making a significant contribution to the success of the company.

## EDUCATION

### Government College Of Engineering

2020 – 2024 | Erode, India

- B.TECH IT
- CGPA : 8.62

### St. Joseph's Matric Hr. Sec. School

2019 – 2020 | Dindigul, India

- HSC
- 81 %

### St. Joseph's Matric Hr. Sec. School

2017 – 2018 | Dindigul, India

- SSLC
- 94 %

## SKILLS

- JAVA
- HTML / CSS
- AI / ML
- DATA STRUCTURE

## CERTIFICATES

- Certificate on JAVA by Cadd Cae
- Certificate on attending Creative Thinking workshop - Kurukshetra
- Certificate on Machine learning - Infosys Springboard
- Certificate on programming Data Structures by NPTEL

## LANGUAGES

- Tamil
- English

## INTERNSHIP

### Codebind Technologies

- Internship on Web Development.

### Accent Techno Soft

- Internship on Machine Learning.

## PROJECTS

### SMART ATTENDANCE SYSTEM

- Developed a webcam-based attendance system using Python, OpenCV, and TensorFlow for accurate face detection and differentiation. Created an interactive HTML/CSS interface and integrated Flask for real-time attendance management.

### DEEP LEARNING MODEL FOR DETECTING DISEASES IN TEA LEAVES

- Built a deep learning model for automated tea leaf disease detection using Convolutional Neural Networks (CNNs). Led data collection, preprocessing, and model training, achieving robust classification accuracy between healthy and diseased leaves. Deployed the solution using Flask for real-time detection.

### EXPLORING PLANT GROWTH AND DISEASE RESILIENCE

- Development of a web solution integrating plant growth catalog and disease detection using custom Convolutional Neural Networks (CNNs). Managed collection and preprocessing of diverse plant image datasets, achieving accurate disease classification and growth stage identification. Implemented various CNN architectures in Python with TensorFlow and Keras, selecting the optimal model for web integration. Designed and deployed a user-friendly interface using Flask, HTML/CSS, and JavaScript for real-time disease diagnosis and agricultural insights.

## STRENGTH

- Doing work in Timely manner
- Good communication both in written and oral
- Responsible and Flexible
- Problem Solving skill