RATHIDEVI S

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OBJECTIVE

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

EDUCATION

2020 – 2024 **Government College Of Engineering** Erode, India
- B.TECH IT
- CGPA : 8.62

2019 – 2020 **St. Joseph's Matric Hr. Sec. School** Dindigul, India
- HSC
- 81 %

2017 – 2018 **St. Joseph's Matric Hr. Sec. School** Dindigul, India
- SSLC
- 94 %

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

SKILLS

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

LANGUAGES

- Tamil
- English

INTERNSHIP

Codebind Technologies
- Internship on Web Development.

Accent Techno Soft
- Internship on Machine Learning.

PROJECTS

SMART ATTENDANCE SYSTEM

- Created a smart attendance system using a webcam for high-accuracy face detection, differentiation, and live attendance recording.
- Developed with Python, OpenCV, and TensorFlow for precise facial recognition.
- Built an interactive user interface with HTML/CSS.
- Integrated a Flask web application for real-time attendance tracking and 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

- Developed a web solution integrating plant growth catalog and disease detection using custom Convolutional Neural Networks (CNNs).
- Collected and preprocessed diverse plant image datasets, achieving accurate disease classification and growth stage identification.
- Implemented different CNN architectures in Python using TensorFlow and Keras and best among them is chosen for web integration.
- Designed and deployed a user-friendly web interface with Flask, HTML/CSS/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