

Magilavan M

Engineering Student | Tech Enthusiast

Passionate B.Tech AI & Data Science student (3rd year) with experience in machine learning, digital marketing, software, and Android app development. A passionate and proactive engineering student with hands-on experience in real-world projects like Busense and personal web development. Eager to apply and grow my skills in software development, IoT, and problem-solving through internships or entry-level opportunities.



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EDUCATION

Sri Krishna College of Engineering and Technology - Coimbatore B.Tech in Artificial Intelligence and Data Science

08/2023 - Present

CGPA-8.11

CERTIFICATES

Digital Electronics- Online Digital Electronics Courses.

Neural Networks in ML.

Explored Generative AI using Bing Copilot.

Explore automation development with UiPath.

Introduction to Cybersecurity.

PERSONAL PROJECTS

Bus Sense - IoT based solution for Public transportation especially local buses. Integrated thermal and IR sensors with Arduino for real-time passenger monitoring and data logging.

Developed and deployed a responsive personal portfolio website to showcase projects, skills. Built using HTML, CSS, and JavaScript with GitHub Pages for deployment.

Plant Disease Prediction - Developed a machine learning model to detect plant diseases from leaf images. Used Python, TensorFlow, and CNN models to achieve over 90% accuracy in classification.

Uzhavan ERP Model - Designed an ERP solution to streamline and manage agricultural operations. Incorporated modules for crop tracking, resource allocation, and yield forecasting using Flask.

Soil Prediction System - Implemented an ML-based system to recommend crops based on soil characteristics. Trained with soil datasets using scikit-learn to classify and recommend ideal crops.

ACHIEVEMENTS

Selected for Smart India Hackthon in inter College Hackthon.

Achieved Third Prize in NATIONAL LEVEL Hackathon-Hack Fest 2k24 at Erode Sengunthar Engineering College.

SKILLS

Java Programming

React

MySQL

HTML & CSS

Spring Boot

LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

Building IoT projects

App Development

Web Development

AWS / Cloud
Management