

SURIYA PRAKASH V

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ABOUT ME

An enthusiastic and detail-oriented MCA graduate with proficiency in UI/UX design, Machine Learning, and Python. I have practical experience in developing Deep Learning-based smart systems and creating user-friendly interfaces using Figma. Driven by a passion for utilizing technology to design impactful applications and address real-world challenges. Currently seeking entry-level roles in the IT industry to begin my career.

EDUCATION

AYYA NADAR JANAKI AMMAL COLLEGE

MCA

2023 - 2025

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Diploma in AI & ML

2023 - 2024

AYYA NADAR JANAKI AMMAL COLLEGE

B.Sc Computer Science

2020 - 2023

S.H.N.V. HR. SEC. SCHOOL

Higher Secondary

2019 - 2020

SKILL

- Python
- Java Core
- Django
- UI/UX Designing
- Communication Skills
- Problem Solving
- .NET (ADO.NET & ASP.NET)
- Team Collaboration

LANGUAGE

- Tamil
- English

INTERN

I completed my UI/UX designer internship with Meganar Technologies in Madurai, which ran from December 2024 to April 2025. I created mobile and online user interface designs while working on LearnHub, an e-learning platform. Working closely with the team, I produced wireframes, user flows, and prototypes to build the app and comprehend user needs, guaranteeing a simple and easy-to-use experience.

PROJECTS

• AUTOMATIC FISH FEEDER AND WATER LEVEL DETECTION USING IOT

Developed an IoT-based Automatic Fish Feeder with water level detection using an ultrasonic sensor and motor control. Automated the feeding mechanism based on time intervals to ensure consistent feeding and real-time water level monitoring.

• PLANT DISEASE DETECTION USING DEEP LEARNING

Developed a Deep Learning-based Plant Disease Detection system using CNN, achieving higher accuracy compared to ANN and RNN models. Built a Django-based web interface with OpenCV integration to upload or capture plant images and display disease results with medication suggestions.

• BUS TIMING MANAGEMENT USING JSP

Developed a Bus Timing Management system using JSP to display bus schedules based on user-selected routes. Implemented dynamic route-based filtering to help users easily access accurate timing information for their chosen destinations.

PUBLICATIONS

• LAPTOP PRICE PREDICTION USING REGRESSION MODEL

Published a conference paper on Laptop Price Prediction using Regression models, focusing on factors influencing price accuracy. The research analyzed multiple regression techniques to build a predictive model for estimating laptop prices based on key specifications.

• PLANT DISEASE DETECTION USING DEEP LEARNING

Published a conference paper on Plant Disease Detection using Deep Learning, showcasing CNN's superior accuracy compared to ANN and RNN models. The study highlights the effectiveness of CNN in image-based disease classification and its potential in precision agriculture.