

Angelin Varsha Roy R

Chennai, TamilNadu, India

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SUMMARY

Innovative Software Engineer with 1.5 years of experience developing responsive and interactive web applications using HTML, CSS, JavaScript, React.js, and Drupal. Skilled in creating scalable solutions, improving user experience, and collaborating effectively with cross-functional teams. Strong problem-solving mindset and currently exploring AI and Machine Learning to enhance technical expertise and contribute to cutting-edge, product-focused environments.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Drupal

Backend: Node.js, Express.js

Database: MySQL

Programming: Python, Java

Tools & Platforms: Git

Focus Areas: Front-End Development, Responsive Design

PROFESSIONAL EXPERIENCE

Tech Mahindra - Software Engineer

Mar 2024 – Present

Chennai, India

- Developed internal workflow tools for Roche Diagnostics, optimizing efficiency and user experience.
- Built a Carpooling Web App using HTML, CSS, JS, Spring Boot and MySQL for efficient resource planning.
- Enhanced skills in responsive front-end development and Drupal site building for scalable web solutions.

Crio.Do - Business Development Associate

Jul 2023 – Oct 2023

Chennai, India

- Partnered with leadership to refine marketing and lead-generation strategies for better audience engagement.
- Coordinated campaign execution across teams to improve workflow and project efficiency.
- Conducted market research to support strategic planning and decision-making.

PROJECTS

Extraction of Wild Plants in Vegetable Plantation using Image Processing & Deep Learning

- Created an automated detection system to identify weeds in plantations using OpenCV and CNN.
- Reduced herbicide usage by enabling precise spraying on weed-affected areas.
- Performed feature extraction using CNN & OpenCV.
- Developed and trained deep learning models for image classification.

EDUCATION

B.Tech – Information Technology

2019 – 2023

St. Joseph's College of Engineering, Chennai

CGPA: 8.58

CERTIFICATIONS

AWS Certified AI Practitioner

IBM Python for Data Science

EXTRA-CURRICULAR ACTIVITIES

Runner-up (Singles) in Tamil Nadu State Senior Badminton Championship Tournament (2017).

Represented Tamil Nadu State SGFI Under-19 Girls Badminton Team (2014, 2017) – FORM IV.

Represented for Anna university in south zone university Badminton tournament. (2019, 2022) - FORM III