

SHARMILA DEVI R

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Objective

Tech enthusiast with hands-on experience in app development for environmental conservation and child rights education. Skilled in Python, Data Science, and Web Development. Passionate about creating innovative solutions that drive social change. Seeking to apply my expertise in developing impactful solutions in the tech industry.

Education

Rajalakshmi Institute of Technology, B.E in Computer Science and Engineering 2022 – 2026

- GPA: 8.5/10
- **Coursework:** Object Oriented Software Engineering, Database Management System, Computer Architecture, etc..

Projects

Green credit Management (green guru App)

- Collaborated on the development of a mobile app designed to raise awareness and increase participation in the Green Credit program, focusing on environmental conservation. The app features tools such as a Green Action Tracker to monitor eco-friendly activities, a Life Organizer to plan sustainable practices, and an Eco-Garden for digital gardening. Additional features include an Interactive City Map for locating green initiatives, a Recycling Wikipedia to educate users on sustainable practices, and a platform for volunteering in environmental events and activities

Smart Traffic Management System

- Developed a real-time traffic management system that analyzes traffic density using object detection to dynamically alter signal lights and prioritize emergency vehicles.
- Tools Used: Python, react, MongoDB, TensorFlow for object detection

Technologies

Languages: C, Python, SQL, JavaScript.

Web Technologies: HTML, CSS, Javascript, ReactJS.

Technologies: Github, VSCode, Figma.

Certifications

Nptel deep learning certificate	NPTEL
Web Development Certification	Udemy
Introduction to Java	Sololearn
Introduction to python	Sololearn

Academic Achievements:

XYZ

Personal Details

Languages Known: Tamil (Native), English, Hindi.

DOB: June 16 2005.

Gender: Female.