

# J.R.SAIRAM

Portfolio website : [\[view site\]](#)  
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Github profile: [GitHub](#)

## EDUCATION

### RAJALAKSHMI INSTITUTE OF TECHNOLOGY

Bachelor of Engineering in Computer Science

Expected Graduation: May 2026

CGPA: 8.29/10 (up to 5th semester)

## INTERNSHIPS

### Derelle Consulting Private Limited (October 2024 – November 2024)

Worked on a government project under the Power & Energy sector as a backend developer and database manager to build a website using Node.js, Express.js, MongoDB, and Reactjs to visualize and analyze the life cycle of electricity for 12 Districts through 880 Feeders in Tamil Nadu.

## PROJECTS

### Portfolio Website

Developed a responsive personal portfolio website to highlight my skills, projects, and achievements. Designed with a focus on interactivity and user engagement, the website delivers a seamless browsing experience across all devices, showcasing expertise in modern web development practices.

[\[View Portfolio\]](#)

### Reactify

An AI-powered Code Generator for generating scalable full-stack and React apps. Built with TypeScript it features an LLM engine, live previews via WebContainer, and a MERN stack for efficiency and usability.

[\[View Project\]](#)

### Vehicle Cut-In Detection and Alert System

Automated the detection process for unexpected vehicle lane changes, increasing response efficiency by 40%, resulting in a sophisticated alert mechanism that is now utilized in over 75% of newly deployed vehicles, enhancing safety measures across the fleet.

## SKILLS

Python  
Javascript  
HTML and CSS  
Java (OOPS and Basic)  
Full stack developer(MERN)  
React js  
Node and Express.js  
MongoDB  
GIT And GitHub

## AWARDS

### IIT PALS INNOWAH CHALLENGE

2nd Prize Winner in the Innawah Challenge, IIT Madras.

### IIT Lab to Market

Achieved recognition in a Lab-to-Market competition for innovative project development and market feasibility

## CERTIFICATIONS

(NPTEL) Data Analytics with Python -Score( 87/100)  
(NPTEL) Programming In Java -Score(75/100)

## LANGUAGES

English  
Tamil