






# KATHIR VELAN R

Aspiring Full-Stack Web Developer | React & Java Enthusiast | Mechanical Engineering  
Student with Strong Problem-Solving Skills

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 BLOGGER  HACKERRANK  LEETCODE

## EXECUTIVE SUMMA

Results-driven Mechanical Engineering student with a strong passion for full-stack development and proven expertise in front-end technologies. Proficient in HTML, CSS, and Java, with a focused aspiration to specialize in React.js. Demonstrates excellent coding proficiency, problem-solving skills, and the ability to build responsive, user-centric applications. Committed to continuous learning and leveraging technical expertise to deliver innovative solutions within software development and engineering domains.

## EDUCATION

### B.E MECHANICAL ENGINEERING

RAJALAKSHMI INSTITUTE OF TECHNOLOGY

CGPA-8.775 Upto 2nd sem

09/2024 – present  
Chennai, TN, India

## SKILLS

• Java | Python | C | HTML | CSS | JavaScript | React.js | Git | GitHub | Problem Solving | Logical Thinking | Debugging | Code Optimization | Responsive Design | Agile Methodologies

## CERTIFICATES

### HTML

BY LINKED LEARNING

### CSS

BY LINKED LEARNING

### PYTHON

BY GREAT LEARNING

### GIT AND GITHUB

BY LINKED LEARNING

### JAVASCRIPT

BY LINKED LEARNING

## PROJECTS

### RIT GPA AND CGPA CALCULATOR

Personal Project | HTML, CSS, JavaScript |

Developed a responsive web-based GPA & CGPA Calculator specifically for Rajalakshmi Institute of Technology students. Enabled users to input grades and credits to compute accurate GPA/CGPA using the university's official formula.

#### Outcome:

Helped over 3000+ students streamline their academic tracking by eliminating manual GPA/CGPA calculations. Improved accuracy, reduced time spent on grade evaluation, and received positive feedback for usability and interface design.

05/2024 – 05/2024

### Netflix Clone Web Page

Responsive Front-End Development Project

To practice and enhance front-end web development skills by replicating a popular streaming platform's home page, focusing on UI/UX design and responsiveness.

Built using HTML, CSS, and JavaScript, the project involved creating interactive components such as navigation menus, buttons, and hover effects. Employed responsive design techniques to ensure compatibility across various device sizes.

Successfully created a fully responsive, visually appealing Netflix-like interface that demonstrates practical skills in web development and responsive design principles. The project helped strengthen coding, design thinking, and problem-solving abilities.

08/2025 – 08/2025

## INTERESTS

Blogging | Learning & Self-Improvement

## ACHIEVEMENTS

### 30 DAYS HACKERRANK CHALLENGE

Successfully completed the 30 Days of Code challenge on HackerRank, solving 64 coding problems in Java. The challenge focused on core programming concepts such as data types, loops, conditionals, object-oriented programming, arrays, recursion, and more

01/2025 – 03/2025

## INTERNS

### TECHNOHACKS.PVT.LIMITED

Full stack web developer

During my internship at TechnoHacks Solutions, I gained valuable experience in full-stack development by contributing to both front-end and back-end projects. I worked extensively with technologies such as HTML, CSS, JavaScript, and React.js to build responsive and user-friendly web interfaces. I also engaged in developing and integrating RESTful APIs and managing databases to enable dynamic content.

Collaborating within an Agile environment, I improved my coding, debugging, and version control skills using Git. This internship strengthened my problem-solving abilities and gave me practical exposure to real-world software development workflows.

07/2025 – 08/2025  
Chennai, Tamilnadu