

# MATHIYARASI V

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## SUMMARY

Recent graduate skilled in full-stack development, proficient in both front-end and back-end technologies. Experienced in building responsive and user-friendly web applications from concept to deployment. Strong foundation in HTML, CSS, JavaScript, and popular frameworks like React,jQuery for front-end development. Backend proficiency database SQL.Backend efficient technology is python and backend tools are Flask,Django Eager to contribute and grow in dynamic development environments.

## PROJECTS

### AI Trolley for Railway Track Crack Detection

- Developed and implemented an AI-driven trolley system for autonomous railway track crack detection using advanced image processing and machine learning, improving safety and efficiency with real-time detection and reporting.
- Collaborated with engineers and data scientists to integrate hardware and software, ensuring high accuracy and seamless operation.

### Portfolio

- Interactive Design: Developed a dynamic portfolio using HTML, CSS, and JavaScript, featuring engaging animations and seamless navigation with jQuery.
- Enhanced User Experience: Implemented active links and intuitive design elements to ensure a smooth and interactive user experience.
- Showcasing Skills: Effectively displayed projects and skills through visually appealing layouts and interactive features, highlighting expertise in front-end development.

## EDUCATION

### Master of Computer Applications (84%)

- Krishnasamy College of Engineering and Technology (2022 - 2024)

### Bachelor of Computer Applications (83%)

- Krishnasamy College of Science Arts and Management for Women (2019 - 2022)

## SKILLS

- **Frontend** :HTML,CSS,Javascript,Bootstrap,React Js,jQUERY
- **Backend** :Python
- **Database** :MySQL
- **Version-Control** :GitHub

## CERTIFICATION

**Python Full Stack:** Besant Technologies

## LANGUAGES

- Tamil
- English