

# KAMALRAJ

## Software Engineer

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Salem, Tamil Nadu - 636116, India

## SUMMARY

- Software Developer with 1 year of experience delivering scalable solutions, **reducing infrastructure costs by 20% through efficient resource management and increasing user engagement by 20%..**
- Led the development of a Drupal-based **healthcare platform** that **boosted website traffic by 25%.**
- Proficient in Java, Spring Boot, React, and MySQL, with a proven track record of **building high-traffic web applications.**
- Agile practitioner, adept at collaborating with cross-functional teams to drive successful project outcomes, project management, reducing system downtime by 40%.





## EXPERIENCE

- Moonraft Innovation Labs ( Acquired by UST)** Aug 2023 - Jul 2024  
*Software Engineer (Internship)* Bangalore, India
  - Led the software development of a Drupal-based **healthcare platform** that **boosted website traffic and market by 25%.**
  - Collaborated effectively with a team, enhancing high-performing team environment and communication.
  - Gained valuable skills through industry exposure, including coding, problem-solving, code review, analytical, adaptability, testing, debugging, and project execution, and efficiently managed deadlines.

## EDUCATION

- Karpagam college of Engineering** 2020 - 2024  
*B.E - Electronics and Communication Engineering* Coimbatore, India
  - CGPA: 8.51

## PROJECTS

- Socialize App**   
*Tools & Technologies: React.js, Tailwind CSS, Java Spring Boot, Hibernate*
  - Built a responsive social networking application using React.js and Tailwind CSS, providing a seamless user experience across devices.
  - Developed a robust backend with Java Spring Boot and integrated Hibernate for efficient data handling and secure user authentication.
  - Designed scalable RESTful APIs to support real-time interactions, ensuring smooth and reliable user engagement.
- Contest Admin**   
*Tools: React.js, Spring boot, HTML, CSS*
  - Developed a Contest admin project with complete CRUD functionality using React.js and Spring boot, enabling organizers to manage contest effectively. Included features such as sorting, filtering, and search capabilities for an improved user experience.
  - The project uses a **Spring boot** backend for **API integration** to fetch data from server and is designed to be fully web responsive, and accessibility, ensuring a seamless user experience across devices.
- Weather API**, **Currency convertor API** *Tools: React.js, HTML, CSS, API*
- Engineering projects**  
*Tools: Embedded C*  
Fully automated solar grass cutter, Arduino-based IR sensor and manual home automation.

## SKILLS

- Programming Languages:** Java, Javascript(ES6), C programming
- Frameworks/Libraries:** React.js, HTML5, CSS3, Drupal, Spring Boot.
- Database Systems:** MySQL
- Tools & Others:** Git, GitHub, Docker, Maven, CI/CD, Hibernate, Object-Oriented Programming (OOPS), Data Structures & Algorithms (DSA)

## CERTIFICATIONS

- Java programming fundamentals & S8 features - Infosys. 2023
- Cybersecurity essentials - CISCO. 2023
- Internship certificate in python - 1 stMentor. 2021
- Cutshort Certified HTML/CSS - Advanced 2024

## ADDITIONAL INFORMATION

**Languages:** Tamil (Native Proficiency), English (Proficiency level).

**Achievements:** 1000+ skillrack problems, 100+ Leetcode DSA problems, 1547 Leetcode contest rating.

**TCS NQT Exam:** Cognitive 66%, Advance Cognitive 80%, Programming 70%, Overall percentage 70%