

Murugappan S

Medavakkam,
Chennai - 600117.
+91 91592 21304
srijamurugappan66@gmail.com

Software Engineer

Motivated and detail-oriented software engineer with a strong foundation in designing, developing, and maintaining front-end and back-end software applications. Proficient in modern web technologies, and known for quick learning and adaptability. Eager to contribute to innovative projects and continuously enhance technical skills.

EXPERIENCE

AARA Info System Private Limited, Chennai

Software Engineer

Dec 2023 - PRESENT

- Developed and maintained an IoT-based web application using React for the frontend and Node.js with Express for the backend.
- Conducted thorough testing, debugging, and optimization to ensure application stability, performance, and reliability.
- Conducted code reviews, corrections, and validations to maintain high code quality standards.
- Collaborated closely within cross-functional teams to achieve project milestones and objectives.
- Implemented feature enhancements and updates while ensuring adherence to project requirements.
- Created clear and accessible documentation outlining the application's functions and guidelines.

PROJECTS

SLMS — IoT based *Street Light Management System*

Dec 2023 - Jan 2025

Technologies: React JS , Express JS , Node JS, MongoDB.

- Developed a scalable React.js admin dashboard for IoT-based street light management.
- Built reusable React components for maintainability and efficiency.
- Designed and implemented RESTful APIs with Express.js for seamless data retrieval and manipulation.
- Optimized data processing using aggregation techniques for better performance.
- Ensured smooth client-server communication by integrating APIs with the React front end.

SWMS— IoT based *Water Level Management System*

Feb 2025 - Present

Technologies: Node JS , Express JS.

- Designing and developing APIs using Node.js and Express.
- Optimized API performance and scalability using industry best practices

SKILLS

HTML , CSS , Bootstrap

JavaScript , TypeScript

React JS

Node JS, Express JS

MongoDB

Git

EDUCATION

Electrical And Electronics Engineering

2014 - 2018

Hindusthan College Of
Engineering And Technology
Coimbatore

LANGUAGE

English

Tamil

CERTIFICATION

MERN Stack Developer Certification

Guvi Geeks Networks

IITM Research Park, Chennai