

Murugappan S

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MERN Stack Developer

Motivated and detail-oriented software engineer with a strong foundation in designing, developing, and maintaining both 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

MERN stack developer

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 - Sep 2024

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

- Developed and maintained a responsive and user-friendly admin dashboard using React.js to manage street lights with IoT technology.
- Developed RESTful APIs using Express.js for data retrieval and manipulation.
- Implemented data aggregation techniques to optimize data processing and presentation.
- Integrated the APIs with the React front-end, ensuring seamless communication between the client and server.
- Created detailed documentation for the APIs to ensure ease of use and integration.
- Participated in code reviews to maintain code quality and consistency.

SWMS— IoT based *Water Level Management System*

Present

- Designing and developing APIs using Node.js and Express.
- Implemented data aggregation techniques to optimize data processing and presentation.

SKILLS

React JS

Node JS [Express JS]

MongoDB

JavaScript

HTML, CSS, Bootstrap

Git

EDUCATION

Electrical And Electronics Engineering

2014 - 2018

Hindusthan College Of
Engineering And
Technology-Coimbatore

Higher Secondary

2014

Vivekanandha Higher Secondary
School - Namakkal

LANGUAGE

English

Tamil

CERTIFICATION

MERN Stack Developer
Certification

Guvi Geeks Networks-IITM
Research Park, Chennai