

SARAN M

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Skills

Developer Tools: Postman • Jest • NPM • Git • GitHub • Bitbucket • Jira • Visual Studio Code • Linux (Ubuntu) • AWS EC2 • AWS S3,

Tech Stacks: HTML5 • CSS3 • JavaScript • Typescript • Bootstrap 5 • Angular 17(beginner) • Node.js • Express.js • Mongo DB • MySQL

Experience

MyCLNQ Health India Pvt Ltd

Bengaluru

SDE intern

07/2024 - Present

- Optimized MongoDB queries, reducing response times by 85% (from 20s to 3s), significantly improving overall application performance.
- Developed and maintained robust RESTful APIs using Node.js and Express.js, enabling efficient data exchange between frontend and backend systems.
- Collaborated closely with frontend developers to ensure seamless API integration and improve user experience across platforms.
- Wrote and executed comprehensive TypeScript unit and integration test cases for backend APIs using Jest, enhancing code reliability and test coverage.
- Played a key role in migrating AWS SDK from v2 to v3, optimizing cloud service interactions and improving performance and scalability.
- Implemented dynamic PDF generation for invoices using Puppeteer, automating invoice creation and streamlining the billing process.
- Created a full suite of APIs for health article management, serving both user and admin functionalities, improving content accessibility and administrative control.
- Built secure APIs for credimax payment gateway integration for Bahrain country and implemented webhook handling to manage real-time payment responses, ensuring smooth and reliable payment processing.

Projects

MyCLNQ CKHK

Bengaluru

07/2024

Role: Backend Developer

Technologies: Node.js, MongoDB, AWS S3, Nodemailer, REST APIs

- Developed customizable email templates to automatically send users detailed membership plan information.
- Designed and implemented an algorithm to generate personalized diet plans based on users' health conditions, gender, BMI, and food preferences.
- Built admin APIs for manually uploading, sending, and resending diet plans to users, improving efficiency in diet plan distribution.

FV Hospital CMS

Vietnam

08/2024

Role: Backend Developer

Technologies: Node.js, Typescript, MongoDB, Nodemailer, Jest, superagent, REST APIs

- Wrote and executed comprehensive TypeScript unit and integration test cases for backend APIs using Jest, enhancing code reliability and test coverage.
- Created a full suite of APIs for health article management, serving both user and admin functionalities, improving content accessibility and administrative control.

Education

CSI College of Engineering

Ooty, Tamil Nadu

Bachelor of Technology in Information Technology

06/2021 - 06/2025

Training / Courses

The Web Developer Bootcamp — Udemy

Building RESTful APIs with Node.js and Express — LinkedIn Learning

Node.js: Testing and Code Quality — LinkedIn Learning