

Thiruselvam S

Node JS Developer

Sivakasi, India • +91 9659476494 • thiruselvam20000@gmail.com • LinkedIn • Github

PROFILE SUMMARY

Experienced Software Developer with over 2.6 years of expertise in software development, including internship experience. Specializing in JavaScript, MEAN stack, Angular, REST APIs, and Node.js. Proficient in designing, developing, and integrating scalable applications tailored to specific business requirements. Demonstrates strong problem-solving skills, delivers high-quality solutions, and provides ongoing technical support for seamless integration and optimal system performance.

SKILLS

- Software Development, Troubleshooting and debugging
- Experienced in NodeJs, MEAN Stack programming
- Proficient in NestJs for building efficient and Scalable server-side applications
- Restfull API development
- Experienced in Web application development using Angular
- Skilled in N8N for workflow automation and process orchestration
- Experienced with Appsmith for low-code internal tool development
- Expertise in MongoDB for database management and schema design
- Strong Knowledge of Microservices architecture

WORK EXPERIENCE

Software Engineer , 06/2023 to Present

Skill-mine Technology Consulting Pvt Ltd - Bengaluru

Project 1: EcompaasCare & Ecompaas Product

Role: Backend Developer

- Designed and implemented a modular backend system using NestJS, improving code maintainability and reducing feature update deployment time by 30%.
- Optimized MongoDB queries to handle large datasets, improving query performance by 25%, leading to faster response times for end-users.
- Integrated Appsmith to build internal dashboards, increasing team productivity by 40% through more efficient management of admin tasks.
- Automated workflows with N8N, scheduling tasks such as email notifications and data synchronization, reducing manual intervention by 50%.
- Collaborated with front-end developers to ensure seamless data flow between backend services and Appsmith-based UI, improving user satisfaction by 20%.
- Utilized Kafka for event-driven architecture, achieving real-time updates and notifications with 99.9% reliability.
- Implemented logging, monitoring, and optimization strategies, leading to a 15% increase in system performance and ensuring secure, scalable operations.

Project 2: Triveni
Role: Backend Developer

- Developed a microservices-based architecture using NestJS, improving service modularity and scalability, leading to a 25% reduction in deployment time for new features and updates.
- Implemented event-driven communication between services with Kafka, enabling real-time data streaming across multiple components, improving data synchronization efficiency by 35%.
- Managed data storage and processing with MongoDB, ensuring 99.9% uptime and scalable performance for high-volume transactions, handling millions of requests daily without significant slowdowns.
- Utilized N8N to automate workflows such as handling scheduled tasks, notifications, and data synchronization, improving operational efficiency by 40%, and reducing manual tasks by 50%.
- Designed and integrated APIs for seamless interaction between backend services and frontend interfaces, leading to a 30% reduction in response times and ensuring secure data exchange across the system.
- Focused on high availability, fault tolerance, and service reliability, achieving near-zero downtime (99.95% uptime) for the live project, ensuring smooth performance even during peak loads.

Intern Software Engineer – Node.JS
Cooldreamers LLP, Sivakasi, India.

October 2022 – May 2023

Project: AnjacCollege
Role: Backend Developer

- Developed and optimized backend services using NestJS, ensuring efficient and scalable API interactions for the project.
- Engineered and structured the database schema using MongoDB, enhancing query performance for managing large volumes of student data.
- Implemented and reinforced secure role-based access control, enabling customized access for administrators, faculty, and students.
- Collaborated with the frontend team to ensure seamless integration between backend APIs and the user interface, delivering a responsive and efficient system for college administration.

EDUCATION

Post Graduate Diploma in Software Testing, Selenium Automation
Vcentry Technologies, Chennai, India

2022

Bachelor of Technology
Dr. MGR University, Chennai

2022