

Mariappan Chandrasekar

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Professional Summary

Passionate web developer with 3 years of experience specializing in backend development and scalable architectures, and microservices. Proficient in building high-performance REST APIs, optimizing database operations, and designing robust microservices. Complemented by strong frontend skills in creating user-focused interfaces using React.js and TypeScript. Experienced in integrating third-party APIs, optimizing cloud infrastructures, and ensuring seamless data flow across distributed systems.

Education

B.Sc	Computer Science -Kamaraj of Arts and Science , GPA: 7.2/10,	Apr 2015 – May 2018
HSC	Govt Hr Sec School , GPA: 8.4/10	Apr 2014 – May 2015

Experience

Soft Suave Technologies , Software Engineer	Chennai, India
<ul style="list-style-type: none">Designed and deployed scalable backend solutions using NodeJs and Express.js, improving API response times by 30%.Enhanced database efficiency using MongoDB and MySQL, optimizing queries for better performance.Implemented and monitored RESTful APIs to support seamless integration with third-party services.Built dynamic UIs (React) for enhanced user experiences.Utilized RabbitMQ for reliable asynchronous message queues across distributed systems.Evaluated new web technologies to improve existing projects or recommend solutions for future projects.	Nov 2021 – Current
RR Donnelly , Document Specialist	Chennai, India
<ul style="list-style-type: none">Worked extensively with MS Office tools, including PowerPoint, Excel, and Word, to manage, revise, and maintain high-quality documents for clients.Automated repetitive document formatting and review processes using Excel macros, significantly reducing the time spent on manual tasks.	Sept 2018 – Nov 2021

Technologies

Frontend: JavaScript, React.js, Redux, Ajax, JQuery, TypeScript

Backend: NodeJs, ExpressJs, JavaScript, AWS (Cognito, S3, EC2, Lambda), Microservices Architecture, Firebase (Hosting, Auth, Cloud Messaging, Firestore).

Databases: MySQL, PostgreSQL, MongoDB, Redis.

Tools and Technologies: Git, GitHub Actions, Docker, GitLab CI-CD, RabbitMQ, Jira, Postman, Swagger.

Projects

Waymore

- A versatile marketing platform offering tools for integrating marketing channels, segmenting audiences, and creating interactive experiences.
- Architected and implemented a microservices structure, enhancing scalability and maintainability.
- Developed high-performance REST and proxy APIs using **NodeJs**, improving API response times by 30%.
- Built responsive user interfaces with **React**, ensuring seamless integration with backend services.
- Utilized **RabbitMQ** for asynchronous communication and Redis for efficient caching.
- Managed and stored data efficiently using **MongoDB** for flexible and scalable data handling
- Tools: React.js, NodeJs (ExpressJs), Redis, RabbitMQ, MongoDB, MySQL, Docker.

All Sports

- A web platform for a national sports event, displaying details for 43 sports, including medal stats, event schedules, and profiles.
- Developed a scalable backend with **NodeJs** and **MySQL**, ensuring real-time data synchronization.
- Integrated RESTful APIs with **React**, enabling dynamic and interactive frontend features.
- Managed vendor data synchronization for accurate and real-time statistics.
- Tools: React.js, NodeJs (ExpressJs), MySQL, jQuery.

SMS (School Management System)

- A school management application for Admin, Parent, Teacher, and Accounts roles, supporting scheduling, attendance, reports, and fee payments with notifications sent to parents.
- Designed and developed REST APIs using **NodeJs** for key modules, including attendance, fee management, and notifications.
- Implemented robust role-based access control to ensure secure handling of sensitive data.
- Automated recurring tasks with cron jobs, improving operational efficiency and system reliability.
- Optimized database queries in **MySQL** to enhance performance for large datasets.
- Tools: Node.js (ExpressJs), MySQL, jQuery.

Awards

Star Performer, Soft Suave — Q3 2022: Awarded for outstanding performance and project impact.

Shining Star, Soft Suave — 11th Anniversary 2023: Recognized for excellence and commitment during the company's 11th anniversary celebrations.

Best Team Leader, Soft Suave — Q3 2023: Honored for effective leadership and team success.

Steadfast Shield, Soft Suave — 12th Anniversary 2024: Recognized for unwavering support and dedication to team success during the company's 12th anniversary celebrations.