

Sasidharan V

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PROFESSIONAL SUMMARY

Results-driven **Full Stack JavaScript Developer** with **4 years of experience** specializing in the system design and deployment of **scalable, high-performance** web applications. Expert in **React, TypeScript, Node.js, Express and RESTful API architecture**, with a deep focus on building secure, database-driven systems that align with long-term business goals. Adept at managing the full software development lifecycle, from initial UI components to backend logic and **Docker based containerization**. Committed to delivering production-ready features within **Agile** frameworks while leveraging **foundational AWS services** to ensure system reliability.

TECHNICAL SKILLS

- **Frontend:** JavaScript (ES6+), React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, TypeScript, Next.js
- **Backend:** Node.js, Express.js, RESTful APIs, Authentication and Authorization (JWT, OAuth), System Design
- **Databases:** PostgreSQL, MongoDB, Oracle, SQL Optimization, Schema Design
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda), Docker, CI/CD Pipelines, Jenkins, GitHub Actions, Kubernetes
- **Version Control:** Git, GitHub, GitLab
- **Tools:** Postman, DBeaver, VS Code, Jira, Unix/Linux Shell, Liquibase, NPM, Unit Testing (Jest), Agile

WORK EXPERIENCE

Infosys Limited

Senior Systems Engineer (Full Stack Developer)

Chennai, India

June 2022 – Present

- Designed, developed, and deployed **scalable web applications** and REST APIs using React, TypeScript, Node.js and Express.js, **improving system performance by 90%**.
- Implemented **secure authentication and authorization** using JWT, OAuth and OAuth2, ensuring API security and compliance.
- Integrated **third-party APIs and microservices**, optimizing data flow and **reducing latency by 95%**.
- Improved backend performance through **SQL query optimization, schema refinement, and database tuning**, reducing response times by **80%**.
- Automated build and deployment workflows using **shell scripting and CI/CD pipelines** (Jenkins, GitHub Actions), **reducing manual errors by 95%**.
- Applied **Data Structures & Algorithms (DSA)** within a **Microservices Architecture** to design efficient service workflows and optimize time and space complexity.

KEY PROJECTS

DoogleDo | Full-Stack Task Management

Tech: React, Node.js, Express

- A unified application that elevates your efficiency through smart design and intuitive task management.

Income Expense Tracker | Finance Application

Tech: React, Node.js, SQLite

- A web application for tracking income and expenses and visualizing spending to achieve financial goals.

Bloggram | Social Media Platform

Tech: Node.js, Express, EJS, HTML, CSS

- A dynamic web application for sharing expertise and insights, engineered with JavaScript, CSS, Bootstrap, and EJS.

EDUCATION

Bachelor of Engineering (B.E.)

2017 – 2021

University College of Engineering, Dindigul (Anna University)

CERTIFICATIONS

- Infosys Certified Angular Associate
- Infosys Certified Global Agile Developer
- Infosys Certified Front-End Web Developer

AWARDS & LANGUAGES

Awards: Recognized with the Grand Slam Award for Best Project Implementation of Finacle at ABN AMRO Bank.

Languages: English (Professional), Tamil (Native).