# Sasidharan V

LinkedIn | GitHub | Portfolio | sasi21146540@gmail.com | +91 7092339414

## 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, 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)

## WORK EXPERIENCE

**Infosys Limited**                                                                                          Chennai, India
*Senior Systems Engineer (Full Stack Developer)*                                  **June 2022 – Present**

- Designed, developed, and deployed **scalable web applications** and REST APIs using 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).