

SIVABALAJI A

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SUMMARY

Built full-stack and backend projects using JavaScript, TypeScript, SQL, and RESTful APIs, focusing on clean API design, database integration, and structured coding practices. Strengthened skills in backend logic, data handling, and web application development through real-world implementations.

EDUCATION

Bachelor of Technology – Artificial Intelligence and Data Science

Sri Shanmugha College of Engineering and Technology, Salem, Tamil Nadu

Graduation Year: 2025 | CGPA: 7.5 / 10

TECHNICAL SKILLS

Frontend Development: JavaScript, TypeScript

Backend Development: RESTful APIs

Database Management: SQL

Version Control: Git, GitHub

Development Methodology: Agile Environment

SOFT SKILLS

Analytical Thinking and Problem Solving | Team Collaboration | Excellent Communication | Attention to Detail

PROJECTS

Employee Management System (Full Stack)

Objective: Create a web app to manage employee details with CRUD operations and a RESTful backend.

Key Skills: JavaScript, TypeScript, SQL, RESTful APIs

Developed frontend using TypeScript and React (or plain JS), designed REST APIs for employee management, and used SQL for data storage.

Outcome: Improved backend API design and integration with real database operations.

RESTful API for E-Commerce Application

Objective: Build a backend API for managing products, orders, and customers.

Key Skills: TypeScript, Node.js (Express), SQL

Developed modular endpoints following REST standards and connected SQL database with ORM tools.

Implemented pagination, validation, and error handling.

Outcome: Strengthened backend and database integration expertise.

Online Task Tracker

Objective: Develop a productivity app where users can add, update, and delete tasks with API-based synchronization.

Key Skills: JavaScript, RESTful APIs, SQL

Created REST APIs for task handling and authentication, connected APIs to SQL database for persistence, and used TypeScript for strong typing.

Outcome: Enhanced skills in API communication and structured JS/TS development.

LANGUAGES

English – Intermediate | Tamil – Advanced

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge.

Date: 29 Oct 2025

Place: Salem

Signature: Sivabalaji A