

# SANJAI.R

Backend Developer | Fresher

6 Thiru Nagar, 5th Street

Ayyampettai, Thanjavur

9952689608

[sanjai9608@gmail.com](mailto:sanjai9608@gmail.com)

[Github](#) | [LinkedIn](#)

## OBJECTIVE

Backend developer with practical project experience in REST APIs, database design, and authentication systems. Looking for a role where I can leverage my technical skills while continuously learning advanced backend practices.

## EDUCATION

Bachelor of Science in Computer Science  
Tamilavel Umamaheswaran Karanthai Arts College,  
Karanthai  
2022 - 2025

Higher Secondary Certificate (12th Grade)  
Government Higher Secondary School, Ayyampettai  
2021 - 2022

Secondary School Certificate (10th Grade)  
ST.Mary's Matriculation School, Pasupathikovil  
2019 - 2020

## LANGUAGES

Tamil, English

## SKILLS

**Programming Languages:**  
JavaScript, TypeScript, Go (basics)

**Backend Frameworks:**

Node.js, Express.js, Gin (basics)

**Databases:**

PostgreSQL, MongoDB,

**Caching System:**

Redis

**Version Control:**

Git, GitHub

**ORM/Database Tools:**

Prisma, TypeORM, GORM (basics)

**Containerization :**

Docker

**Frontend :**

HTML, CSS, Tailwind CSS, React

## PROJECTS

Hotel Room Management System - Built using Express.js and TypeORM | [Github](#)

- Designed and implemented RESTful APIs for managing hotel rooms, bookings, and customers.
- Implemented room availability logic to check free/occupied rooms based on booking dates.
- Applied CRUD operations for rooms, customers, and reservations with validation and error handling.
- Improved maintainability by following a modular Express.js project structure with controllers and services.

CRUD API - Built using Go, Gin, and GORM | [Github](#)

- Developed RESTful API endpoints to perform Create, Read, Update, and Delete operations.
- Structured project with modular design (handlers, services, models) to improve scalability and maintainability.
- Integrated error handling and validation middleware in Gin to improve API reliability and ensure secure request processing.
- Built modular and maintainable code architecture, separating routes, controllers, and services to follow clean coding practices.
- Implemented database operations with GORM ORM, including migrations, relationships, and optimized queries for efficient data persistence.

Cart Management - Built using Express.js, Prisma ORM, and Redis | [Github](#)

- Developed a Cart Management System using Express.js and Prisma ORM with PostgreSQL, implementing CRUD operations for cart items and ensuring efficient database interactions.
- Integrated Redis caching to optimize cart retrieval and reduce database load, improving application performance and scalability.
- Implemented role-based API design and structured backend architecture for maintainability, enabling secure and efficient cart operations for users.