Sanjai S

Portfolio | GitHub
| sanjaisivalingam2002@gmail.com | LinkedIn | +91-9344967927 |

EDUCATION

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY
B.Tech in Electrical and Electronics
May 2024 | CGPA : 8.79 / 10.0

SEVENTH-DAY ADVENTIST HR. SEC. SCHOOL
12th Grade | Bio-Maths
May 2020 | Cum.Per: 76.6
10th Grade
May 2018 | Cum.Per: 88.6

LINKS

Github: **Sanjai-github**
LinkedIn: **sanjai02**
Twitter: **@SANJAI**
LeetCode: **sanjai-leetcode**

COURSE & WORKSHOP

Data Structures and And Algorithm
Microsoft Excel
Microsoft PowerPoint
Low-Level Designs

SKILLS

PROGRAMMING :
Advanced :
• C • Java • Javascript
• HTML • CSS • ReactJS
• Tailwind CSS • SpringBoot
Version Control :
• Git • GitHub
Beginner :
• C++ • Python
• REST API • GraphQL
DataBase:
• SQL• MongoDB • PostgreSQL
• MySQL
SOFT SKILLS :
• Team Player • Time Management
• Flexibility
TOOLS & SOFTWARE :
• VS Code • IntelliJ IDEA
• Eclipse • PyCharm

RESPONSIBILITIES

• College team cricket **captain**
• Organised the **technical event** in college

TECH STACKS

FRONT-END :
HTML | CSS | React JS | Tailwind CSS | JavaScript

BACK-END :
SQL | Mongo DB | Node JS | Spring | Express JS

API 'S :
REST API | GraphQL

PROJECTS

WEATHER FORECASTING APP | [LIVE]
React | Tailwind CSS | Rapid API
- Developed a weather forecast application using **React** and integrated with **Rapid API** for real-time weather data retrieval.
- Utilized **Tailwind CSS** to create a responsive and visually appealing user interface.
- Implemented API calls to fetch and display dynamic weather information, enhancing understanding of API integration and data handling.
- Built the project to gain practical experience with **API workflows** and improve front-end development skills.

13-LEVEL INVERTER FOR EV APPLICATIONS | [GitHub Link]
MatLab | Inkscape | MS products

- Developed a **novel 13-level inverter** for the EV-Application.
- With **reduced switch count** and increases the **efficiency** by **60%**.
- It also **reduces** the **manufacturing cost** by **70%** and requires **less space**.
- It converts the **DC source** from a **Battery** to an **AC source** to power the **Motor**.

AWARDS

2024	1st/50	**Best Student** of the Department
2023	2nd/8	Inter college **Mini-Project** contest
2021	National	Carrom Board Championship - **Runner**

CERTIFICATIONS

Wipro	JAVA J2EE Nextstep	| [Link]
Coursera	Intro. to Full Stack Development	| [Link]
Coursera	Digital Marketing	| [Link]
Great Learning	Intro. to CSS	| [Link]
Skill Rack	Basics of SQL	| [Link]
Certiport	Auto-CAD	| [Link]

INTERESTS

Technical :
• Full Stack Development • Robotics • Electronic Devices
• Internet of Things • AI&ML
Non-Technical :
• Economics • Investment • Networking
• Reading Books • Video-Editing • Animation