

S Sanjai

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: [@sanjaistwt](#)

LeetCode: [sanjai-leetcode](#)

COURSE & WORKSHOP

Data Structures And Algorithm

Microsoft Excel

Microsoft PowerPoint

Low-Level Design

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** 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	1 st /50	Best Student of the Department
2023	2 nd /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 and ML

Non-Technical :

- Economics • Investment • Networking
- Reading Books • Video-Editing • Animation