

S. Raaj Kumar

Junior at VIT Vellore

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Professional Summary

A highly eccentric and creative sophomore exploring various faces of Software Development and Innovative technologies around the world. A full stack enthusiast who strives to create software that solves real world problems and makes the world a better place. Interested in JavaScript, Python ecosystems and coding in CPP.

RESPONSIBILITIES AND ACTIVITIES

Indian Society for Technical Education, VIT, Vellore — Core Committee Member [Management]

Dec. 2020 – Dec. 2021

International Society of Automation, VIT, Vellore — Core Committee Member [Technical]

Dec. 2020 – Dec. 2021

Institution of Electronics and Telecommunications Engineers - ISF, VIT Vellore — Core Committee Member [Technical & Editorial]

Dec. 2020 – Dec. 2021

EDUCATION

Vellore Institute of Technology, Vellore — B.Tech in Computer Science Engineering, Present

Apr. 2024

CGPA, 8.67

Zion Matriculation Higher Secondary School, Selaiyur — Higher Secondary Certificate

Apr. 2020

Aggregate, 90.5%

CSI Corley Higher Secondary School, Tambaram — Secondary School Leaving Certificate

Apr. 2018

Aggregate, 87.4%

SKILLS

React | Node.js | HTML | CSS

JavaScript | Tailwind | Python

| C | C++ | Java | SQL | Git |

Vim (Basics)

ACHIEVEMENTS

4 star

- C++
- Java
- Python
- 10 Days Of JavaScript
- C

3 star

- Problem Solving

([Hackerrank](#))

Frontend Mentor

Mini-Projects —

A series of challenges I have completed to improve my frontend skills.

([Solution Link](#))

Participated in Hacktoberfest
- 2021

Conducted a webinar on STL in C++ with more than 80 live participants | [C++ Made Easy with STL](#)

PROJECTS

VIT Search —

A C++ project aimed at searching a large volume data using the Trie data structure. The main objective is to insert details of VITians and search them using their registration number.

[Code](#)

Sudoku Solver —

A C++ project aimed to solve the game of Sudoku. It can solve 9 x 9 grid with partial or no input in any cell. 'o' is used to specify no input and '1-9' as default input.

[Code](#)

Cocktails Project—

An routed react-tailwind application created to fetch and display data from Cocktails API.

[Deployed Link](#) | [Code](#)

movies-db —

A react application to search and read quick summaries of various movies. Made possible with OMDb API.

[Deployed Link](#) | [Code](#)

Cart Project —

A react application to mimic cart functionality present in e commerce application with useReducer hook and handling multiple change state variables.

[Deployed Link](#) | [Code](#)

Form Projects —

A routed react application that involves three separate projects aimed at receiving inputs from the user and perform some operations. The subdivisions involved are, A light to dark color generator, a to-do list called grocery bud and finally a lorem ipsum paragraph generator.

[Deployed Link](#) | [Code](#)

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Task Manager API —

A simple application to Create, Read, Update and Delete Tasks on a cloud-hosted NoSQL database. Made using Node.js (Express.js) and MongoDB. MongoDB Atlas is used as a cloud host.

[Code](#)

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