# Sai Satwik

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## Education

**IIIT Sricity**                                                                         **Aug 2019 – May 2023**
*B.Tech in Computer Science and Engineering ( CGPA: 8.77 )*                                      *Sricity, India*

### Relevant Coursework

- Data Structures
- Database Management
- Computer Networks
- Machine Learning
- Artificial Intelligence
- Web Application Development
- Theory of Computation
- Object Oriented Programming
- Computer Organisation of Systems

## Experience

**Stack Finance**                                                                        **Jan 2021 – Mar 2021**
*Backend Intern*                                                                                       *Remote*

- Designed, Developed, and integrated 3rd party APIs for various features in the core application.
- Responsible for defining and developing various modules using best practices and latest development techniques.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Improved response time by 20% for app-facing APIs by refactoring the backend code.
- Troubleshoot, fix, test software bugs and document current and future systems and development.

**Village Talkies**                                                                      **Nov 2020 – Dec 2020**
*Full Stack Developer Intern*                                                                          *Remote*

- Assisted in development of the video creating web application using React and Node.
- Worked with MongoDB to manage user inputted data across multiple platforms including web apps.
- Utilized heroku to provide a continuous deployment service in order to automate the entire process of loading the latest build code.

## Projects

**Covid Vaccination Alert Bot** | *Javascript, Telegram bot*                                          **May 2021**

- Developed an automatic bot using Javascript and Telegram bot to get vaccine alerts when available in their locality.
- Created a database on Mongo Atlas to store the information of the registered user so that the user will miss the alert.
- Used Cron to run and execute the program automatically every 30 min so that the vaccine slot is not missed.

**Student Dashboard** | *NodeJS, ExpressJS, MongoDB*                                              **February 2021**

- Developed a good looking web application using HTML/CSS, Node, Express to automate student's tasks.
- Project was used by 1000+ university students to manage academic performance and track their daily activities.
- Helps admin to keep track, manage all students efficiently and improve communication with them.

**Url Shortner** | *Node.JS, MongoDB*                                                            **December 2020**

- Developed an application using Node and MongoDB to create a custom shorturl from the actual url which helps the user to remember and use it easily.

**Bank Management System** | *Java, Swing (Java), MySQL*                                           **October 2020**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used Java Swing to create a GUI that supports actions such as creating an account, deposit, withdraw, statements, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

## Technical Skills

**Languages**: C/C++, Java, Python, HTML/CSS, JavaScript, MySQL
**Tools/Frameworks**: Git, Node.JS, Express.JS, React, MongoDB

## Leadership / Extracurricular

**IEEE Student Branch**                                                                **Spring 2020 – Present**
*Cofounder & Public Relation*                                                                      *IIIT Sricity*

- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.
- Communicated over various speakers and professors across India to conduct talk, workshops and events.