

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

Experience

Stack Finance

Jan 2021 – Mar 2021

Backend Intern

Remote

- Developed, and integrated 3rd party APIs(Perfios, Razorpay, KYC) which can handle over **10000 concurrent users**.
- Improved **response time by 20%** for app-facing APIs by refactoring the backend code in Node.
- **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 and designing of the video creating web application using React and Node.
- Increased **user traffic by 50%** after redesigning the user interface and adding new features.
- Utilized Heroku to provide a **continuous deployment service** to automate the process of loading the latest build code.

Projects

Cache | Node.JS, MongoDB

August 2021

- Developed a **fintech application** that helps users save money with goals feature, transfer money and pay bills.
- Integrated using different fintech APIs like Fusion and Razorpay.

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 MongoDB to store the information of the registered user so that the user never misses 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 an aesthetic 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 get in-depth performance analysis of all students and efficiently improve communication with them.

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 support actions such as creating an account, deposit, withdraw, statement, 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

Tools/Frameworks: Git, Node.JS, Express.JS, React.JS, Java Swing

Databases: MySQL, MongoDB

Data Structures and Algorithms, Object Oriented Programming, Machine Learning, Database Management System, Web Development

Achievements / Awards

Among **top 50 teams** in Zeta Hacks 3.0 (Over 6000+ participants) conducted by Zeta Suite.

Secured **342nd position** in ICPC Gwalior Regionals.

Winner JumpStart 2021 conducted by Publicis Sapient.

Secured **10th position** in coding contest conducted by IIT Jammu.

Secured **3rd position** in IOTA Hackathon held at IIIT Sricity.

Leadership / Extracurricular

- **Founder** of IEEE Student branch helped more than **300 students** and worked towards goals that improve and promote community service, academics, and unity.
- **Mentor** of Girl Script Summer of Code 2021 assisted many participants in open source projects.
- Developer of **Google Assistant** actions (reached **600+ monthly conversation**).