

Vihaan Thatiparthi

(+91) 86398 32062 | vihaanreddy.t22@iiits.in | [github](#)

EDUCATION

Indian Institute of Information Technology

Bachelor of Technology in Computer Science

SriCity, AP

2022 – On Going

POSITIONS OF LEADERSHIP

Student Life Council

IIITS

2022 – 2023

- Organised 2 Cultural Events and 1 Techno-cultural Fest.
- Demonstrated proactive problem-solving and mediation abilities, enhancing the overall student experience and engagement on campus

Domain Lead - GDG

Ops

2024 – Till Date

- Currently Working on a technical workshop, collaborating with speakers from the industry.
- Contributing to a collaborative and supportive community of developers.

PROJECTS

CMNTR| *Python*

September 2024 – Till Date

- Built a Note Taking and Retrieval Application that supports Code Mixed Telugu and English
- Implemented by using word2vec to implement Cosine Similarity ranking, and Click library to create a CLI wrapper.

RCET | *Python, Docker, JavaScript, DHTML, CSS*

January 2024 – Till Date

- Developed a full-stack web application component, that can be used to implement a local Containerised Code Judge.
- Currently Migrating to react and adding an ORM to create a truly flexible component.
- Implemented an execution engine similar to PistonAPI.
- Used Docker to create and manage workers, and help scale up the application.

DO400-Apps| *Java, Maven, Jenkins, Git, OpenShift*

August 2024 – September 2024

- Worked on a couple of code segments, as part of RH-DO400
- Implemented TDD by creating unit, Functional and Integration Tests with maven.
- Implemented CI/CD using Jenkins and OpenShift

Colosseum| *NextJS, MongoDB*

2024 - Till Date

- Building a comprehensive one-stop destination to host gaming tournaments.
- Live Streaming will be added to the project
- Built around a SaaS paradigm.

TECHNICAL SKILLS

Languages: Java, python, C, C++, JavaScript, TypeScript

Frameworks: React, Node.js, Maven, Next.JS

Developer Tools: Git, Docker, OpenShift, Kubernetes, Ansible, NeoVim