

Vikas Sai

AI Engineer, Research Analyst

I am a student currently working at IIT-Hyderabad, pursuing my bachelor's degree from KLH.

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EDUCATION

UNIVERSITY KL UNIVERSITY

08/2021 - Present

89%

Courses

- Btech in Artificial Intelligence and Data Science

COLLEGE NARAYANA JUNIOR COLLEGE

07/2019 - 04/2021

89%

Intermediate Stream

- MPC

SCHOOL PRATHIBHA HIGH SCHOOL

04/2012 - 05/2019

95%

Academic Type

- SSC

WORK EXPERIENCE

RESEARCH INTERN IIT-Hyderabad

01/2024 - Present

Tasks

- Working on O-RAN and its capabilities with 5G networking
- Integrating O-RAN with simulation networks like ns-3
- Researching on x-apps and r-apps, studying the XR-Traffic from the New Gen of VR.

FULL-STACK DEVELOPER BUILTIN-TECH

02/2023 - 08/2023

Achievements/Tasks

- Worked as an Full-Stack Developer maintain multiple websites, Integrating New Features, Updates and Technologies onto websites for a Start-up company.

CREATIVE LEAD KLH RADIO

08/2021 - Present

FRONTEND DEVELOPER WELLBEING SERVICES

08/2022 - 09/2022

SKILLS

HTML

CSS

BOOTSTRAP

O-RAN

DJANGO

FLASK

REACT

SQL

PYTHON

NODE-JS

JAVA

TAILWIND-CSS

FIRE BASE

NS-3

WIRESHARK

Py-Torch

YOLO

HPC

PERSONAL PROJECTS

W.A.V.E

- **W.A.V.E(Team Lead):** A fun web project for bored and depressed teenagers suffering from anxiety. The project provides refined experience and features like *Quote Generator *Audio visualizer *Live stream *Gallery

LAYA

- **Laya(Team Lead):** it's a music app done as a project where we took part of the code from an existing project on GitHub, but it helped us understand Django database a bit more, it has features like *Playlist creation *Adding a song with ease *Spotify API *React js

VOTING SYSTEM

- **Voting system(Team Lead):** A basic web application implementing multi-user login and displaying the results

PREDICTING NUMBERS(ML Classifier)

- simple machine learning model used for predicting numbers: I've worked as a team member for this project but there nothing more to contribute on the project.

Emotion Detection(Audio Based)

- **ED(AI Engineer):**Implementing 5 CNN's where each model is trained to classify Pitch, Treble, Bass and several other features for a voice to give a verdict based on the results to detect the emotion.

Food Calorie Assistant(YOLOv7 Based)

- **FCA(AI Engineer):**An application trained on more than 30 classes utilizing yolov7 architecture to count the total calories of a meal by using CV and helping the user plan out the diet.

CERTIFICATES

INTERNSHIP COMPLETION(WELL-BEING SERVICES)

INTERNSHIP COMPLETION(BUILT-IN)

LANGUAGES

ENGLISH

Full Professional Proficiency

HINDI

Full Professional Proficiency

TELUGU

Full Professional Proficiency