

Gurram Siddarth Reddy

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EDUCATION

Mahindra University

Bachelor of Technology in Artificial Intelligence (AI)

Hyderabad, India

Jul. 2020 – May 2024

ACHIEVEMENTS

First Place, Talentmapp Hack4Hire Hackathon | *ReactJS, Flask, OpenAI ChatGPT API*

April 2023

- Built a task tracking application that enables users to create and manage tasks effectively. The application allows users to add tasks, set deadlines, assign priorities, and receive reminders for pending tasks.
- GitHub Repo:** <https://github.com/siddarthreddygsr/hack4hire>

EXPERIENCE

Machine Learning Intern - 5th Bridge Data Technologies LLP

July 2023 – Aug 2023

- Designed and trained a machine learning model to detect zero day attacks in real-time by analysing HTTP packets data using a API.
- Made custom word vectors as normal Bag of words can't be used to extract useful textual information from a HTTP packet and detect patterns.
- Dockerized** code to improve portability and to avoid version issues with CUDA and tensorflow and easy deployment and designed a highly adaptable **API** using **flask** to use the trained model with effortless integration into existing applications.

Freelancer - Upwork

Dec 2023 – Feb 2023

- Worked as a freelancer and worked on developing, containerizing and deploying Machine Learning applications on AWS ec2 instances and digital ocean.
- Developed backend for <https://virtualstagingwizard.com> in flask python [Still under development, I still help him with programming logic on weekends outside my office hours.]
- Upwork Profile: <https://www.upwork.com/freelancers/01c16a74044024f172>

Backend Intern - Gocomet

Feb 2024 – Present

- Built data integrations to track shipments from carrier websites to update on the company website.
- Developed data processing pipelines in Ruby using Nokogiri, and RSpec for cleaning and transforming datasets.
- Wrote test case to ensure data accuracy and integrity with rspec.

SELECTED PROJECTS

TeethAPI | *Python, Flask, AWS S3*

- Built a backend API which takes in human face image with teeth as input and generates a mask and then passes it to the model to generate straightened teeth image using GAN's.
- The API stores the image in a S3 bucket using boto3 and return the URL for ease of integration.
- This application would be used by dentists to show their patient how their teeth would look after straightening them.
- Check the results here: <https://github.com/siddarthreddygsr/teethapi/tree/master/Data>
- Try it here:** <https://github.com/siddarthreddygsr/teethapi/tree/master/Code>

OPEN SOURCE CONTRIBUTIONS

- Contributed to SEC Insights, a top 5 ProductHunt project with 1.8k stars and 400+ forks, by resolving a logical bug Docker compose file and a bug in the database startup code. <https://github.com/run-llama/sec-insights/pull/18>

TECHNICAL SKILLS

Programming Languages: C/C++, Python, Swift5, Bash, SQL, Ruby

Developer Tools: Git, Docker, Linux, Cloud computing, Flask, DigitalOcean, AWS

Skills: Debugging, problem solving, documentation, containerization, server integration, APIs, troubleshooting, devops, presentation, communication, prototyping, computer networks, scripting, automation tools, Development, Deployment, Technical Documentation