Kistappagari Sanketh Kumar

Email: k.sanketh123@gmail.com	Mobile: +91-6300878398
Portfolio: sanketh.com	Leetcode: Sanketh Kumar
Github: sanketh149	LinkedIn: Sanketh Kumar

EDUCATION

Chaitanya Bharathi Institute of Technology — Hyderabad, India
Bachelor of Engineering - Computer Science and Engineering (AI- ML); GPA: 9.76 — *November 2020 - June 2024*

Abhyaas Junior College — Hyderabad, India
Board of Intermediate Education; Percentage: 98.4 — *June 2018 - March 2020*

EXPERIENCE

Panace.AI — Remote
Software Developer Intern — *November 2022 - Present*
- : Created a Nutrition Recommender using **Flask and React** and **MongoDB** which supplements the current User Food Habits by monitoring the habits for 7 days and extracted the insights using **Content Based Filtering**.
- : Used the **Count Vectorizer from Scikit-Learn** to find similarity between Groceries and displayed the calorific values along with 10 other essential Nutrients.
- : Recommended 4 Recipes using **Reinforcement Learning** which enhances the Nutritive Balance in the users.

Indian Institute of Information Technology — Hyderabad
Research Intern — *May 2022 - July 2022*
- : Developed INAI's Web Application using the practice of **Agile Software Model** with a Team of 3 members.
- : Refactored the User Interface using **Webflow** and improved the traffic on the website by more than **10 percent**.
- : Collaborated in working with Intel India and Uber for Project **Bodhyaan** which collected around **0.1 Million** Images for Indian Driving Dataset.

Tech Mihir Naik — Remote
Frontend Developer Intern — *March 2022 - June 2022*
- : Developed the for the Tech Mihir Naik Webpage using **MERN stack** and integrated Payments and Database using **Stripe** and **Firebase** as a Team Lead in company with 3 members.
- : Accomplished the task which helped in earning a lumpsum of over **12,000** Dollars in the span of **3 Months**.

PROJECTS

Optimal Placement of EV Charging Stations — Github
An effective way to implant stations — *October-2022*
- : Modeled a **Bayesian Network** using **ANN's** which can predict the Optimal locations of Electric Vehicle Charging Stations by reducing the Cost and Waiting Time by about **8 percent**.
- : Optimised the Model considering Distance, VSF and Congestion using **Scipy Minimize** Functions and **Jacobian Matrix** to minimize the **1st Order Derivates** of Distances.
- : Extended the Development to **25 Node Stations** and **33 Bus Network Systems** of Chandigarh City.

Activity Points Tracker — Website
One Stop Destination for Activity Points — *September-2022*
- : Devised a Tracker using **MERN Stack** which maintains Activity points of **1500+ students** of CBIT .
- : Sustained the Session Management with **JWT Tokens** and Authentication using **PassportJS** and **BcryptJS**.
- : Digitalised the manual evaluation of documents which decreased the Human intervention by about **50 percent**.

SKILLS SUMMARY

- **Languages:** C, Python, C++, JAVA, HTML ,CSS, JavaScript, MYSQL.
- **Frameworks(Basics):** TensorFlow, NodeJS, ReactJS, Bootstrap, Sk-Learn, Tailwind CSS, Flask.
- **MISC:** GIT, WebFlow, Unix/Linux Shell Scripting, API's, TCP/IP Protocols.
- **Courses:** Operating Systems, Computer Networks, Machine Learning, Algorithms, System Design.
- **Soft Skills:** Leadership, Communication and Analytical Skills, Mentoring, Public Speaking, Writing.

ACHIEVEMENTS AND ADDITIONAL INFORMATION

- Winners of **Micron Artificial Intelligence Hackathon**, where around 3000 students appeared across India.
- Mentee at **Amazon ML Summer School 2022**, where 3,000 students were screened out of 20,000 applicants.
- Modeled Forecasting House Prices using **ResNet Architecture** which **ranked 11th** in the Kaggle.
- Secured **39th place in India**, in an AccioWars led Placement Ready Challenge.
- Represented the State of Telangana and secured **19th place** in the **World Memory Championship, 2017**.
- Student Coordinator for the **Institute's Innovation Council**, Lead for **Anti-Drug Committee** of CBIT.
- **Ranked 39 in India**, in a Coding Challenge carried out by Neo AI.
- Ended up in Level 3 in **Google Foobar Challenge** .
- Campus Ambassador at **Infosys** where 184 were recommended from 81,000 students from **Hack With Infy.**
- Recipient of **LOR's** from The Sparks Foundation for showing stupendous performance in Team Leadership.