Samrath Sudesh Acharya

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📍* Mangalore, India

EDUCATION

Dayananda Sagar College of Engineering Dec 2020 - Present
B.E. in Computer Science Engineering Bangalore, India

Sharada P.U. College Apr 2018 - Mar 2020
PCMC Stream | 92% Mangalore, India

Indian School Al Wadi Al Kabir Apr 2005 - Feb 2018
C.B.S.E | 89% Sultanate of Oman

SKILLS

Languages : Python, React, JavaScript, HTML, CSS, SQL (MySQL), Dart, Flutter, C, C++, Go

Tools : Figma, Notion, GitHub, BurpSuite, Metasploit, Postman, Docker, Linux, ElasticSearch, Kibana, Kubernetes, Photoshop, Illustrator

EXPERIENCE

Embrays Technologies December. 2021 – January. 2022
Intern as a Flutter Developer India
   Developed a production ready android app with GraphQl Api Integration and Firebase which has currently got **1L+ downloads**.

PROJECTS

Citibot (GitHub)

- A chatbot for CitiBank which supports multilingual support for a more wider reachabilty. It provides accurate suggestion for any user's query at very quick rate.
- FrontEnd of the bot is made with *HTML,CSS, Javascript* and the BackEnd is made with *Python.*All website data is scraped and stored in ElasticSearch, running in a docker container and the bot fetches the data through an REST API made with *FastAPI framework*.

Mac-Changer (GitHub)

- Mac-Changer is tool that helps in changing the mac-address of a Linux machine to a desire mac address.
- The tool is ready to used in any Linux Distro with help of bash scripting and has got **100+ clone on GitHub**.

Network Packet Sniffer (GitHub)

- The network packet sniffer is built with mainly using a Java libraries Jnetpcap and Swing
- The system is capable to detect all the interface available in the operating system and start sniffing the packets sent through the ports and interface.It captures ARP requests,TCP/IP requests,any Payload requests,Mac address,IPv6.

Flight Tracker (Website Link)

- Flight Tracker gives real-time information about a plane with its register number and scrapes data from the internet and all generate a map to show the path followed of the aircraft.All queries is logged in a database in MySQL.

Brain Tumor Segmentation (GitHub)

- UNET and VGG16,CNN model built to detect brain tumor from MRI scans with help of image classification.