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, 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 and provides accurate suggestions for any user's query at a rapid rate.
- The frontend of the bot is made with **HTML**, **CSS**, and **Javascript** and the backend is made with **Python**. All website data is scraped and piped to **ElasticSearch**, running in a **docker** container. The bot fetches the data through a REST API made with the **FASTAPI framework** and **Kibana** is used for the internal analytics of the bot.

Mac-Changer (GitHub)

- Mac-Changer is a tool that helps change the mac-address of a Linux machine to the desired mac address.
- The tool is ready to use 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 mainly using **Java libraries Jnetpcap and Swing**
- The system is capable to identify all the interfaces available in the operating system and starts sniffing the packets sent through the ports and interface. It captures ARP requests, TCP/IP requests, any Payload requests, Mac addresses, and IPv6.

Flight Tracker (Website Link)

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

Brain Tumor Segmentation (GitHub)

- UNET and VGG16, CNN model built to detect brain tumors from nifti images with help of **TensorFlow, Pytorch.**