

# Samrath Sudesh Acharya

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## EDUCATION

### Dayananda Sagar College of Engineering

*B.E. in Computer Science Engineering*

Dec 2020 - Present

Bangalore, India

### Sharada P.U. College

*PCMC Stream | 92%*

Apr 2018 - Mar 2020

Mangalore, India

### Indian School Al Wadi Al Kabir

*C.B.S.E | 89%*

Apr 2005 - Feb 2018

Sultanate of Oman

## SKILLS

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

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

## EXPERIENCE

### Embrays Technologies

*Intern as a Flutter Developer*

December. 2021 – January. 2022

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 reachability. 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 cable 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.

### IRIS ([GitHub](#))

- React OSINT website capable of collect sensitive information from username, ip address, websites, phone number. The information is collected with a custom built REST API in python.

### Brain Tumor Segmentation ([GitHub](#))

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