

# Samrath Sudesh Acharya

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 Blog Website |  CTFtime Profile |  Mangalore, India

## SKILLS

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

**Tools :** GitHub, BurpSuite, Metasploit, Postman, Docker, Linux, ElasticSearch, Kibana, Flare-VM, ExtraHop, InsightAppSec, Intezer Analyser

## EXPERIENCE

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### Tracelay

November. 2022 – February. 2023

*Cyber Security Analyst Trainee*

India

Wrote reports on various APT attacks using industry-level tools like Trend Micro XDR, Sophos XDR, ExtraHop NDR, Intezer Cloud, Rapid 7 App sec

### 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

**1L+ downloads**, providing seamless user experience and leveraging the power of GraphQL and Firebase.

## PROJECTS

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### Citibot ([GitHub](#))

- A multilingual chatbot for CitiBank available through WhatsApp and Web, that provides accurate suggestions at a rapid rate, with an intuitive frontend and efficient data scraping and storage through Elasticsearch.
- Utilized technologies such as **Python**, **HTML**, **CSS**, **Javascript**, **FASTAPI**, **Elasticsearch**, **Kibana**, and **Docker** to create a feature-rich chatbot that delivers a seamless customer experience and make banking more convenient.

### Mac-Changer ([GitHub](#))

- A tool that allows for quick and easy mac-address changes on Linux machines, with over **100+ clone on [GitHub](#)**.
- Utilized **bash scripting** to create a versatile tool that is compatible with **any Linux distro**, making it a must-have tool for Linux enthusiasts and network professionals.

### System Security Check ([GitHub](#))

- A robust multi-layered cybersecurity strategy, uncovering vulnerabilities and potential attack vectors by scanning for Open Port, Viruses, MIME, and Windows Firewall Rules.
- Utilized **Python** libraries **Socket** and **Pymongo** to create a feature-rich executable file that scans the system and stores in **MongoDB** database, which can be viewed on the website.

### Pragati ([GitHub](#))

- A WhatsApp Chatbot to transform career guidance via an intelligent, personalized path to education and dream jobs with the help of a robust machine learning algorithm.
- Leveraged **Python** libraries **Selenium**, **Matplotlib**, **Keras**, **NLTK** to understand user input for web scraping and providing data visualization with the help of **MongoDB** database and **FastAPI** RESTAPI deployed in **AWS**.

## ACHIEVEMENTS

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- Ranked **6** globally in **DeconstruCT.F 23**
- Ranked **24** out of 550 teams in TechGig Airtel Hackathon, EdTech category
- Ranked **top 10** winner across India in Citi Bank Innovation Hackathon 2022
- Ranked **top 6** winner in the intra college Hackman Hackathon 2022