

# Samrath Sudesh Acharya

✉ samrathsacharya@gmail.com |  Samrath Sudesh Acharya |  samrath-sudesh-acharya |  
 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.

## CERTIFICATION

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- Junior Penetration Tester (eJPT) | INE
- Practical Malware Analysis & Triage | TCM Security
- Foundations of Operationalizing MITRE ATT&CK | AttackIQ

## PROJECTS

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### 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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- Smart India Hackathon Finalist 2023 among 500 teams in India
- Ranked **181** globally among 4284 teams in Huntress CTF
- Ranked **2** globally in WU CTF and EnigmaXplore CTF, InfoFest CTF, 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