

Siddhant Mulajkar

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WORK EXPERIENCE

- **Freelance Developer/ Consultant** Full time - Remote
Security Research/ Pen-testing Sept 2021 - Dec 2022
 - **Security Consultant:** for a **Startup(Turing Solutions)**, and have helped launch new mini-services. **Integrate, maintain and improve** the **Security** side of the **CI/CD** pipeline by assisting the tech team. Perform reviews on the setups and present the **application assessment** with **DAST** using the **WebInspect Fortify**, also maintaining the **DNS Server**, and **ADA** along with carrying the **network monitoring with SIEM**.
- **Tech Sid Solutions** Full time - Mumbai,India
Founder June 2017 - Feb 2021
 - **Tech Sid Solutions:** was just a brainchild of mine, created with a simple notion to help the **local aspiring entrepreneurs/brand** make a **digital presence** of their own with **customized toolsets** for an **excellent online presence** with our **guided services** in **Web & App development**, **help to mark their first footprint**. We have helped **6 brands** and an **NGO** through multiple techniques by improving the overall flow and **business revenue** by **24%-32%**. Also impacted the **customer gain and retention** by **14%** on average.
- **Toothsi & Simplybraces - New Age Clear Dental Aligners** Remote
Wordpress Developer (Freelance) June 2019 - Jan 2020
 - **Performed competitive analysis:** of **products listings** and user behavior of dental companies and utilized its results for creating the user interface of the website. This helped them grow their **business and revenue** by around **33-35%** from normal setups. **Used custom back-end API endpoints** for **user registration**, **social Oauth** and **payment gateway** integration as well. Developed front-end UI components and integrated them with g-tag and facebook pixel to communicate with the existing endpoints **targeted advertisement approach**.

SKILLS

- **Languages:** C++, JavaScript
- **Familiar:** Python, Git, Bash, Java, React, Kubernetes, MySQL, CockroachDB
- **Framework/Libraries:** Hugo, Apache, Ionic, Expo, TensorFlow, Keras
- **Tools:** BurpSuite, Veil/Veil-Evasion, Metasploit, Wireshark, Nessus, Docker, Ansible, Owasp-Zap
- **Platforms:** Linode, GCP(Beginner), AWS (Beginner)

COURSES/CERTIFICATION

- Certified Ethical Hacker(CEH) from EC-Council (Aug 2017 - Aug 2020)
- Linux Privilege Escalation & Attacking and Defending Active Directory - (Present - Ongoing)

PROJECTS

- **Privacy Guides** (Present):
A series of **podcasts and blogs** to restore your data privacy and learn more about how the data can be tracked less, one step towards improving the privacy. Currently working on the **podcast streamlining and the blogs**.
- **Sentiment-Predictor-for-Stress-Detection-using-Voice** (Python,ML) (Feb 2020 - June 2020):
A Machine Learning Project based on the deep learning model that helps in predicting **Emotions** which eventually helps in detecting the mental state of the person. Trained the model on the **RAVDESS Dataset (24 Actors, 1440 audio files)** using the **CNN Model** with the raw mfcc voice sets. This method helped **improving the overall accuracy** ranging from **68-74% to 93%** from the other methods.
- **Netflix-Clone-Using-React** (React,Firebase) (Jan 2021 - Feb 2021):
Basic Netflix Clone created to understand the concepts of react. The stack that is being used: **React(custom hooks, context, portals),Firebase (Firestore/Auth),Compound & styled components**. I thought to **make everything static** (movies, series, shows, ...) but then I found this really cool **TMDB API** through which you can pull data of most popular movies, top-rated shows, what's trending, collections, lists and much more.
- **Smart-Mirror-with-Voice-Assistant-using-Raspberrypi** (Mini Group Project) (April 2019 - July 2019):
Integrated and customized a machine learning-driven voice assistant model (**Alexa**) with **SMAPI**, also designed the Mirror front-end with HTML, CSS and fetched other functionalities with **JS**. The major focus was on **making this very much optimized for the arm-based processor like raspberrypi**. It works! Mirror with voice assistant capabilities.

EDUCATION

- **Datta Meghe College of Engineering** Navi-Mumbai, India
Bachelor in Computer Engineering: (CGPA: 7.15/10) August 2016 - November 2020
- **V.P.M's Polytechnic College** Thane, India
Diploma in Computer Engineering: (CGPA: 8.3/10) June 2013 - May 2016

PUBLICATION/ACHIEVEMENTS

- **(IJCRT) International Peer Paper Publication:** STRESS DETECTION THROUGH SPEECH ANALYSIS USING MACHINE LEARNING (Volume 8 || Issue 5 || May – 2020)
- **Recognized:** as an **best instructor** for conducting workshops on cyber-security in various tech fest 2017-2019 for TSS.