Siddhant Mulajkar

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WORK EXPERIENCE

- **Security Consultant** — Full time - Remote
  Security Research/ Pen-testing — *Sept 2021 - Dec 2022*
  - **Freelance Consultant**: for a **Startup(Turing Solutions)**, and have helped launch mini-services. **Maintain and improve** the **Security** side of the **CI/CD** pipeline by assisting the tech team. Perform reviews on the setups and sufficed the **application assessment(DAST) using the WebInspect Fortify**, also maintaining the **DNS Server, and IAM** along with carrying the **network monitoring using SIEM(Graylog)**.

- **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, Docker, Ansible, Nmap, 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 processer 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 || $May - 2020$)