Suryaansh Rathinam

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EDUCATION

- **Manipal Institute of Technology** — Manipal, India
  Bachelor of Technology - Computer Science; GPA: 9.40 — *September 2020 - June 2024*
- **Apeejay School Nerul** — Navi Mumbai, India
  All India Secondary School Examination ; 93.6/100 — *April 2016 - March 2020*

SKILLS SUMMARY

- **Languages** Python, PHP, C, C++, JavaScript,TypeScript, Bash, JAVA
- **Frameworks** MERN Stack, Django, Selenium, AWS, NodeJS, ExpressJS, React, React Native, Flutter
- **Tools** Docker, GIT, Appium, MySQL, MongoDB

EXPERIENCE

- **Ridecell** — Remote
  Software Engineering Intern — *May 2022 - August 2022*
  - Worked as a part of the QA and automation team working on both API and Mobile Testing.
  - Worked primarily using **Python**, **Selenium**, **Pytest**, and **Appium** to ensure smooth functioning of the API endpoints as well as the mobile app functionality.

- **Apice Tech** — Remote
  Full-Stack Software Engineering Intern — *April 2022-July 2022*
  - Worked on creating clean, reusable, and responsive components for the UI of their product. Also worked on the server side of their Application in **Java (Springboot)** and wrote unit tests for various microservices.
  - Worked with **React JS** and **Java** to ensure a clean UI of the website and a smooth functioning server.

- **PsychUp** — Manipal, India
  Co-Founder — *September 2021-March 2022*
  - Led a team of 4 members, and worked on building a platform to bring to life the idea of increasing awareness regarding the field of **mental health**.Worked primarily with **MongoDB, ExpressJS, ReactJS** and **NodeJS**.
  - After extensive research, worked on including a comprehensive Personality Test as part of the platform based on the Myers-Briggs Personality Test.

- **IECSE and IEEE** — Manipal India
  Member — *September November 2020-Present*
  - Was a part of the management Committee of both IECSE and IEEE SBM, the largest technical clubs in my college. Worked on ensuring the smooth progress and completion of multiple projects. Furthermore, guided my juniors as they worked on enhancing their skill sets.

PROJECTS

- **DataGrad**
  Full-Stack Web-Developer — *July 2021 - September 2021*
  - Worked on building a platform to provide users with information regarding the top courses on particular topics across a variety of MOOC Platforms (Recommender System). Worked primarily using **ReactJS**, **Flask**, **Python**, **Pandas**, **sklearn**, **CSS**, and **Bootstrap** in a team of 4 individuals to complete this project.
  - Succeeded in providing students with a one-stop platform to scan a multitude of MOOCs and gain information regarding the top courses of the skill they wish to learn.

- **Decrypt**
  Full-Stack Web-Developer — *November 2021-January 2022*
  - Built a website for D3crypt: IEEESBM's annual cryptic hunt, working primarily with **MongoDB. NodeJS, ExpressJS, React JS, CSS**, and **Bootstrap**.
  - The D3crypt competition was conducted successfully on the website, with around 200 people registering for the same and actively participating. Experiencing a smooth user flow and experience on the website.

- **Certman**
  Full-Stack Web-Developer — *Oct 2021-Feb 2022*
  - Working as a Full Stack Developer using **Typescript, React JS, MongoDB, NodeJS, and ExpressJS**, to build a certificate generator with multiple features such as custom templates, mass mailing, etc.

RESEARCH

- **Analysis and Comparison of Different Frontend Frameworks** — Presented at ATIS 2022
  To be published: Springer- Communications in Computer and Information Science Series 2023