Karan Mannan

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EDUCATION

MANIPAL UNIVERSITY JAIPUR
BTech in Computer Science
2018-2022
GPA: **8.59**

HL PUBLIC SCHOOL
2018
80 %

LINKS

Github: **knmn2000**
LinkedIn: **karan-mannan**

SKILLS

PROGRAMMING
•**Front End Web** : ReactJS, Redux, SCSS

•**Back End Web** : Node JS (Express JS), Firebase, Flask, Django, GraphQL

•**Databases** : PostgreSQL, MySQL, MongoDB, Firebase Fire store

•**Languages:** JS, Python, C++

• **Tools:** Git, Docker, Vim

• **Testing**: PyTest, Cypress, Jest

DESIGN
•Figma, Photoshop, Blender.

OTHER
•Fingerstyle guitarist.

COURSEWORK

Data Structures and Algorithms
Automata and Compiler Design
Operating Systems
Databases and ERP
Unix Tools and Scripting

EXPERIENCE

TODDLE | Associate Software Engineer - Frontend
July 2022 | Remote

- Working in the customisation team developing custom features for schools
- **Revamped organisation feed** used by admins to access and manage school organisations
- Responsible for adding configuration tool support for over a 100 unit plan templates that **greatly reduced manual efforts** required by the school success team.

CISCO | CX Engineer - Intern
Jan 2022 | Bangalore

- Worked under the **Professional services delivery business unit**. Enhancing the Firewall policy generator tool using **Django python framework**.

RADICALI | Software Engineering Intern
May 2020 | Gurugram | Letter of recommendation

- Worked on the front-end of the product, built with **ReactJS + TypeScript**. Responsibilities included pushing out **new features for the platform, fixing bugs, writing tests and making enhancements** to the **UI/UX**.
- I was responsible for **writing, debugging, testing and maintaining over 190 scrapers** which scrape regulatory documents and related news items. upstream services **(Metabase, Kibana)** and providing corrections wherever required.
- Wrote 18% of the scrapers in the codebase. Increased test coverage by 20%.

PERSONAL PROJECTS

BAJAJ FINSEARCH | Link
NodeJS, ElasticSearch, Kibana

- Developed a website search engine as part of the Bajaj HackRx 2.0 hackathon, where our team was shortlisted from 2500+ teams.

CODE TEMPLATE GENERATOR | Link
ReactJS

- While working in the scraping team at Radicali, I built out a code template generator which helped the developers build out scrapers much faster, as the scraper's codebase was very repetitive with over 190+ scrapers. .

JIOGUESSR | Link
ReactJS, NodeJS, TypeScript

- Open source version of the popular game GeoGuessr. The game drops you in a random Google maps-street view location, and the player needs to guess where they are by navigating around the streets and looking for clues.

MUSKAPI | Link
ReactJS, TypeScript, Python, Scrapy

- Scraped the twitter profile of Elon Musk for his tweets and made them available as a service publicly

CROSSBOARDS | Link, Link
ReactJS, React Native, Firebase

- Made a React Native app and a ReactJS webapp to make copying text across devices easier. All content is synced via Firestore, in real-time.