

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** : React, HTML5, CSS3, JavaScript ES10, EJS.

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

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

• **Python3** and **BASH** Scripting

• **C++** and **C** Proficiency

• **Rest API** design, **Git VCS** and **Docker**

• **Testing**: PyTest, Cypress, Jest

COURSEWORK

Data Structures and Algorithms

Automata and Compiler Design

Operating Systems

Databases and ERP

Unix Tools and Scripting

EXPERIENCE

CISCO | CX ENGINEER - INTERN

Jan 2022 | Bangalore

- Currently working under the **Professional services delivery business unit**. Enhancing the Firewall policy generator tool using **Django python framework**.
- This internship is currently ongoing.

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. I was also responsible for overseeing the flow of the payloads through 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.

RETWEET BOT

Python, Scrapy

- A retweeting bot made with the purpose of getting the hashtag ManipalFeesFiasco to trending, to protest against the college fees. This hashtag achieved 20 on trending in India. The university made fee readjustments following the online protests.