

Karan Mannan

karan1501mannan@gmail.com | 8053 924 822

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, Jenkins
- **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 | SOFTWARE ENGINEER - FRONTEND | CUSTOMISATION TEAM

July 2022 | Remote

- Demonstrating **end-to-end ownership** of various platform features, driving them from **conceptualization** through **planning, development, and timely delivery**.
- Taking on a leadership role by **mentoring junior team members** and conducting thorough **code reviews** to maintain the highest standards of quality.
- Proactively managing and fulfilling ad-hoc customization requests for schools, contributing directly to **revenue**.
- Delivered a **pipeline** which handles the updating/porting of over 4000 templates which teachers use in their unit plans, **directly impacting users**.
- Tech stack: ReactJS, Redux, SCSS, NodeJS, Jenkins, SQL.

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 - Dec 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.

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.