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NISHKARSH KWATRA

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EXPERIENCE

Software Engineer Intern   **Frontier Techworks**   **Jan 2021 - Mar 2021**

- Developed the Loulu and Retrac mobile applications, integrating features like videos, audios, authentication, gestures, QRCode scanning, image picker, state management, etc.
- Contributed to development of backend and dashboard for Retract and DigiVet project integrating features like emails, authentication, database, etc.
- Tech Stack: React, React Native, Node.js, Apollo GraphQL, MongoDB, Gatsby.js, Express, Typescript, etc.

Software Engineer Intern   **Safe-x**   **June 2020 - July 2020**

- Contributed to development of Safe-x tool for employee safety. Coordinated with the team to develop the Safe-x mobile application, Web dashboard and backend api.
- Developed the company website including promo, blog and landing page.
- Tech Stack: React, React Native, Node.js, Next.js, PostgreSQL, Gatsby.js, etc.

EDUCATION

Delhi, India   **Guru Gobind Singh Indraprastha University**   **Fall 2017 – May 2021**

- B.Tech in Computer Science Engineering, GPA: 8.9/10 (May, 2020)
- Coursework: Algorithms, Programming Languages, Database Management Systems(DBMS), Object Oriented Programming(OOP), Data Structures, etc.

PROJECTS

- **Dictionare** (HTML, CSS, JavaScript)
  - A chrome extension that allows the users to search for the meaning, synonyms, antonyms, and pronunciation of a word on any webpage with results in less than 1 second.
  - Implemented features such as background scripts, content scripts, popup scripts, message passing, commands, chrome APIs, etc.
  - Source code available at : **https://github.com/nkwatra/dictionare**

- **Sunshine** (React Native)
  - A cross-platform mobile app that allows users to learn and share weather data for the next 16 days.
  - Implemented features such as FlatLists, Networking, Navigation, Share, SQLite Databases, User preferences, Background Fetch, Redux store, and persistence.
  - Source code available at : **https://github.com/nkwatra/sunshine**

- **BT Present** (React Native)
  - A mobile application for android platform that facilitates user to record attendance with the help of bluetooth technology. Along with the backend api, it provides a complete attendance management system with report emails generation facility.
  - Implemented features such as authentication, gradients, gesture handling, calendars, user roles, swipe-able lists, etc.
  - Source code available at : **https://github.com/NKwatra/BTPresent-Client**

SKILLS

- **Languages :** C, C++, JavaScript, Typescript, Java, SQL, HTML, CSS, etc.
- **Frameworks :** React, Express, MongoDB, Node.js, React Native, GraphQL, Next.js, Gatsby.js, Android Application Development, Jquery, Bootstrap, D3.js, Webpack, jest, etc.
- **Tools and IDE :** Visual Studio Code, Android Studio, git, etc.