

# ABHINAV SHARMA

abhishrm@protonmail.com | 8826932129

## Education

VIDYA MANDIR PUB SCHOOL SEC 15-A

SENIOR SCHOOL CERTIFICATE EXAMINATION

May 2016 - May 2018

403/500

J.C. Bose University of Science and Technology YMCA

Jul 2018 - Jul 2021

BACHELOR OF COMPUTER APPLICATION

- **Courses:** OOP in C++, Algorithms, Operating Systems, Data Structures

## Skills

Languages: Html, css, scss, sass, JavaScript

Technologies: React.js, Redux, Next.js, GraphQL, axios, formik, yup, Joi, jest, enzyme, Evergreen, eslint, lodash, moment, Git, Tailwind, Bootstrap, Reactstrap, chakra-ui.

## Professional Experience

TechChefz (TCZ Digital Pvt Ltd)

New Delhi

Intern Technology

Sept 2021 - Dec 2021

### 1. Graphic Era University Admission Portal

- Built UI components in React.js to digitize the student onboarding process.
- Used context api to add the user authentication with mobile **one-time password**.
- Implemented **react lazy imports** with suspense to reduce the initial load size and hence **improve the performance**.
- Created custom **mixins** with conditional statements in scss for the **responsive design** and to **stop repetitive styles**.

### 2. Graphic Era Institute of Medical Sciences

- Used **session storage** to store the form data locally and to help user to book an appointment on their selected time period.
- Created **custom pagination** for the doctor list with the cursor and has-more to call the API more efficiently and hence **improve the performance** further.

TechChefz (TCZ Digital Pvt Ltd)

New Delhi

Associate Technology

Jan 2022 - Sept 2022

### 1. Graphic Era (Deemed to be University)

- Used next.js for the **server-side-rendering** and created a **middleware** (`_app.js`) for the dynamic components to be controlled through a **content management system (drupal)**.
- Implemented the **dynamic import for code chunks** and the **next Image** for lazy loading and srcset which ultimately helps in the **performance of the website**.
- Used the libraries like **react-responsive**, **react-slick**, **react-player** etc to give the excellent user experience on all possible devices.

### 2. Stride edge teacher platform/stride edge student platform

- Integrated **apollo graphql API** (queries mutation) for all the crud operations.
- Used **redux** as the state management library also **redux-thunk** as the middleware to return the asynchronous functions for the network calls.
- Created **custom validations** functions for the forms with the use of **lodash**, and **regular expressions** for the proper error management.

### 3. Stride edge admin dashboard

- Created a custom function to convert the **dynamic JSON data to a local .csv file**.
- Using the latest hooks provided by react like **useRef** created **infinite scroller pagination** which collects the data only with user interaction and also improves the performance.
- Custom reusable UI components were built like modals, sidebars and primary buttons with the basic API to use them.

# PROJECTS

---

## Riders Town

Jun 2021 - Aug 2021

- Used firebase as the **no-SQL** database to store the user information and the created collections in a way to **satisfy both web as well as mobile applications**.
- Implemented **firebase user authentication**, as well as the, forgot password API to reset the password.
- Created synced **priority** field and give the admin rights to update this field and modulate the events shown to the user on the mobile application.
- Give admin the right to delete the events and the rides which are not **optimal/spam** for the users.

## Intellirent

Jan 2021 - May 2021

- Used **chakra-UI** for the beautiful UI components and excellent transitions for a better user experience.
- Used form management Library **Formik** and for the validation used **Yup** Library which helps a lot with the **error management** and further for the great user experience.
- Used JEST/ENZYME for the unit test cases of the application.

## Standard Bank

Jan 2020 - Mar 2020

- Responsible for creating a unique QR code with respect to the designation of the user and implementing the required primary keys to access and update the user data.
- The enzyme library was used for the proper test-driven development to assure the reliability of the application.
- while updating the details coordinates of the user were collected for the precise management of the user's data.