# **BIKASH DAS**

## **Software Developer**

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## **WORK EXPERIENCE**

#### **SWE - Tekion Corp**

# 06/2023 - Present

**CRM (Customer Relationship Management) platform -** ReactJS, JavaScript, Context API, Redux, HOCs, Custom Hooks

- Significantly improved user experience by resolving critical bugs and enhancing filter selection mechanism.
- Optimised performance by eliminating redundant API calls resulting in a 40% reduction in load time.
- Used the DRY principle to React components, reducing redundancy in the codebase.
- Developed Custom Hooks and HOCs to eliminate duplicated code and leveraged React Context API to eliminate the need for prop drilling.
- Implemented advanced performance optimisation techniques like
  PureComponent, debouncing and memoisation to enhance the CRM platform's overall efficiency.

#### SDE II - Reliance Jio (Health.Jio)

**=** 04/2022 - 06/2023

Online and Offline Doctor Consultation - ReactJS, TypeScript, Redux, JDS

- Created end to end LLD for booking flow, booking status and booking history.
- Developed Render Engine that can efficiently process JSON files and transform them into JSX. This approach has resulted in a considerable improvement in performance, reducing the JS bundle size and increasing the page load time.
- · Integrated live chat using Stateful Chat Client of Microsoft Azure.

#### JioHealthHub user dashboard and integration in Ms Teams

- Developed a customisable user dashboard for JioHealth, leveraging a configdriven-ui
- · Responsible for developing JioHealthHub app in MSTeams.
- Enabled **SSO** to authenticate and authorise the app users.
- Integrated multiple web apps using Tab app development of MsTeams.

#### Dashboard for Doctor to keep track of corporate employees health status.

- Guided a Team and collaborated with the product managers, backend developers, and designers in order to attain the desired outcome.
- Developed and implemented an emailing feature with highly optimised search and multiple selection of recipients.

## SDE I - Reliance Jio (Health.Jio)

**=** 08/2020 - 04/2022

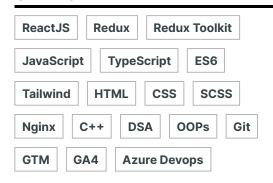
E-commerce Healthcare Ecosystem - ReactJS, SCSS, TypeScript, Redux

- Developed various features in a Health Care app to provide instantaneous solutions that cater to healthcare requirements of users, such as scheduling medical tests or requesting medicine deliveries online.
- Created a high-performance filter to enhance the user experience.

#### Vaccination Module and Ayushman Bharat Digital Mission

- Responsible for building complex workflows such as the Corporate and Cowin Vaccination Booking, which facilitated vaccination for over 1M individuals through the application.
- Implemented file upload feature using react-dropzone with drag and drop facilities
- Implemented ABDM workflows to create, link/unlink ABHA number.
- Created a workflow for viewing and downloading the ABHA card using reactpdf.
- Integrated the whole module in Android/iOS native app using plug and play.
- Resolved bugs in web apps reported directly by end users resulting in increased user engagement.
- Increased performance score (FCP, TTL) in Web Apps by more than 30% in chrome Lighthouse Report using code optimisation techniques like Code splitting, chunking, browser caching and CDN in production.
- · Created CI/CD pipelines to automate the build and release of the web-apps.

## **SKILLS**



# **EDUCATION**

## B.tech in Biotechnology

**IIT Guwahati** 

**=** 2016 - 2020

## **ACHIEVEMENTS**

## **Spotlight Performer Award at Health.Jio**

I have been recognized thrice for my contributions to the team's collective achievements.

### Oil India Super 30, 2015

Successfully cleared the state wide entrance test to avail 100% scholarship for IIT-JEE preparation.

# **CERTIFICATION**

# **Introduction to Data Structures & Algorithms**

LinkedIn

# **Introduction to Web Design and Development**

LinkedIn

#### **Git Essential**

LinkedIn

# **Continuous Delivery with Azure DevOps**

LinkedIn

### **RESTful API with HTTP and JavaScript**

Coursera

## **Object-Oriented Programming**

Coursera