

# 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 **config-driven-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 **react-pdf**.
- 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

ReactJS

Redux

Redux Toolkit

JavaScript

TypeScript

ES6

Tailwind

HTML

CSS

SCSS

Nginx

C++

DSA

OOPs

Git

GTM

GA4

Azure Devops

## 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](#)