BIKASH DAS

Software Developer

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WORK EXPERIENCE

Senior Frontend Engineer (SDE2) - Virtual Internships

01/2024 - Present

Intern and Host Company Platform - TypeScript, JavaScript, ReactJs, RTKQ, NodeJs, MySql, TypeORM, Mui, AntD

- Increased performance score upto 90 by using prefetch, lazy loading, code splitting and RTKQ caching.
- Improved scalability of the application by implementing modular design.
- Integrated end to end workflow for reading and writing WhatsApp consent of interns in both Frontend and Backend.
- Integrated certificate upload and preview feature for interns in Frontend and Backend

SWE - Tekion Corp

= 06/2023 - 01/2024

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

- Optimised performance by eliminating redundant API calls, resulting in a 40% reduction in load time.
- Reduced bug resolution time by ~50% using basic coding principles like DRY and SRP.
- Developed custom Hooks and Higher-Order Components (HOCs) to eliminate duplication and to improve reusability.
- Implemented advanced performance optimisation techniques, including PureComponent, debouncing, and memoization, to enhance overall efficiency of the CRM platform.

SDE2 - Jio Platforms Ltd. (Health.Jio)

m 08/2020 - 06/2023

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

- Created end to end LLD for doctor listing, booking flows, and appointment details.
- Developed a 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 the page load time.
- Integrated live chat using Stateful Chat Client of Microsoft Azure.

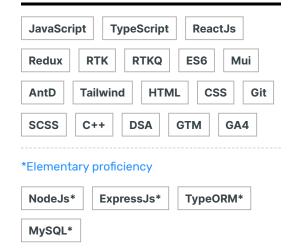
JioHealthHub Dashboard

- Guided a Team and collaborated with the product managers, backend developers, and designers to develop a customisable user dashboard for JioHealth, leveraging a config-driven-ui.
- Integrated the JHH app in MSTeams and developed an SSO authentication mechanism.
- Developed and implemented an **emailing feature** with highly optimised search and multiple selection of recipients.

E-commerce Healthcare Ecosystem

- 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.
- Developed complex workflows such as the Corporate and CoWIN
 Vaccination Booking, which facilitated vaccination for over 1M individuals through the application.
- Increased user base by more than 200K by implementing ABDM (Ayushman Bharat Digital Mission) workflows to create, link and unlink ABHA number.
- Integrated the whole module in Android/iOS native app using plug and play.
- Increased performance score (FCP, TTL) in Web Apps by more than 30% using code optimisation techniques like Code splitting, chunking, browser caching and CDN in production.
- Cut down the software release cycle by 30% by implementing 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 recognised 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