

# Nikhil Chhetri

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## EDUCATION

### DIT University

B.Tech in Computer Science and Engineering: CGPA 7.24

Dehradun, Uttarakhand

August 2017 – June 2021

## SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS

**Frameworks:** React.js, Next.js

**Tools:** Git, Jira, Trello, npm, Chrome DevTools, VS Code

**Libraries:** Redux-Toolkit, Context-API, Axios, React-Router, Tailwind CSS, Bootstrap, Material UI, Restful-APIs

## EXPERIENCE

### HashStudioz Technologies

Sept 2023 – Present

*Software Engineer*

- Implemented **debouncing** for search functionality in the hotel booking app, resulting in a **40%** reduction in API calls and significantly improving performance.
- Ensured responsive design across various devices using CSS, **MUI** (Material-UI) and **Bootstrap**, leading to a **30%** increase in user satisfaction and accessibility.
- Resolved bugs promptly, maintaining app functionality with a **95%** on-time resolution rate to meet project deadlines.
- Applied form validations using React libraries and custom validation logic, resulting in a **20%** decrease in data entry errors and improving data integrity.
- Developed an admin portal for the hotel's web app, enabling management of affiliated partners, user roles, and bookings, with features to send booking emails, PDFs, and cancel bookings, resulting in a **40%** increase in operational efficiency.

### Cognizant Technology Solutions

July 2021 – June 2023

*Programmer Analyst*

- Developed** and optimized FrontEnd components using React.js, resulting in an enhanced user experience.
- Collaborated** with designers and backend developers to integrate frontend and backend functionalities seamlessly.
- Working in an **Agile** programming environment to define stories, do estimations, and plan sprints.
- Well-versed in **SDLC**, **Agile methodology**, **Version control system(GIT)**, **Defect Tracking tool (Jira)**.
- Following Test Driven Development practices. Writing **Unit tests using Jest and React Testing Library** and helping define the overall testing strategy to achieve 100% code coverage.
- Employed logical and analytical thinking to **troubleshoot** and **debug** issues by **20%**
- Actively **contributed** to code reviews and incorporated feedback from senior developers to enhance code quality and maintain standards with minimal bugs
- Actively **participated** in agile team meetings, sharing ideas and collaborating on strategies to optimize project outcomes and meet sprint goals.
- Analyzed** client requirements, customizations, and enhancements, providing tailored solutions that resulted in **100%** client satisfaction.

## PROJECTS

### Food Ordering: 📄 | *React.js, React-Router, Redux Toolkit, Tailwind CSS*

- Integrated realtime Swiggy's backend APIs to fetch and display multiple Restaurants available and menu items, and prices of that Restaurant
- Implemented styling using Tailwind CSS, effectively enhancing the visual appeal and design of the web application
- Utilized React.js state management libraries such as Redux Toolkit to efficiently manage data

### Video Streaming 📄 | *React.js, React-Router, Redux Toolkit, Tailwind CSS*

- Implemented debouncing and caching techniques for the search feature, resulting in a significant reduction of API calls by 50%
- Integrated YouTube's real-time backend APIs to fetch diverse data sets enhancing the functionality and content diversity
- Enabled users to effortlessly search, browse, and watch videos within the App