

# Dipesh Singh

## Front End Developer

Web Developer with 3 years of experience in EdTech. Skilled in JavaScript development with a track record of optimizing website performance: achieved 20% faster page loads and a 15% increase in user engagement. Seeking a Software Developer role for career advancement in a competitive environment.

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## WORK EXPERIENCE

### Senior Front-end Developer MentR-Me

01/2020 - 10/2022

Delhi, India

Study Abroad Consultant in Delhi (Part of MiM-Essay)

#### Achievements/Tasks

- Designed and architected a comprehensive ed-tech study abroad platform from scratch using **React.js** with **Next.js**.
- Orchestrated and guided a high-performing team of 5 developers, overseeing project timelines and ensuring the successful delivery of assigned tasks.
- Engineered internal tools including Mentor/Mentee CRM dashboards with chat-feature using pusher, enhancing operational efficiency by **30%**.
- Implemented **Cypress** testing tool, resulting in a **30%** improvement in test coverage and a **20%** reduction in the time required for test execution.
- Integrated Twilio's JavaScript SDK into a **Next.js** app (Google Meet clone), enabling seamless video and audio calls and contributing to a **40%** increase in user engagement.
- Applied **Next.js** hybrid CSR + SSR techniques to optimize performance and enhance SEO, resulting in a **40%** improvement in Core Web Vitals, as measured by Google's Page Speed Insights.

### Web Development Intern

#### MiM-Essay

07/2019 - 12/2019

Delhi, India

Study Abroad Consultant in Delhi

#### Achievements/Tasks

- Revamped 1.5 years old **Laravel blade** template pages.
- Implemented user interactive tools like (**profile evaluation, application strength finder, school selector, goal clarity**) for evaluating user profiles (using **jQuery**).
- Optimized website by using image optimization and scripts optimization techniques - (**async** and **defer**).

## EDUCATION

### B.Tech in Computer Science G.B. Pant Engineering College

08/2016 - 09/2020

New Delhi, India

## SKILLS

HTML & CSS

JavaScript

jQuery

React & Redux

Next.js

TypeScript

Node.js & Express

MongoDB

Git & GitHub

Scrum and Agile Methodology

Bootstrap

Material UI

Tailwind CSS

## PROJECTS

### Music Store (07/2023 - Present)

- E-commerce Music Store (MERN Stack):** Created with **Next.js 13** and optimized styling through **Tailwind CSS** for a seamless cross-device **UI/UX**.
- Implemented user authentication, product catalog, wishlist and shopping cart functionality for both authenticated and unauthenticated users.
- Optimized an entire application's components by using a combined approach of both **react server components** and **client components** which resulted in **95%-100%** page speed in google page speed insights.
- Spearheaded the development of robust **CRUD APIs** using the latest **Next.js 13** API format, leveraging the built-in API routes feature, ensuring efficient data management and manipulation.

### Heart Care (Freelance) (03/2023 - 05/2023)

- Developed a static website for a cardiologist, using latest **Next.js-13** app directory, created the design using **Tailwind CSS**.

### Free Tour Tickets (12/2022 - 02/2023)

- Platform for getting a free concert tickets by uploading sketches/covers.
- Added video/image uploading features using **multer.js**.
- Tech used: Backend – **MongoDB, Node.js (Express.js)**. Frontend – **Bootstrap 4, EJS** templating engine.