

Dipesh Singh

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EDUCATION

G.B. Pant Government Engineering College

Bachelor of Technology in Computer Science

Delhi, India

Aug. 2016 - Sep. 2020

EXPERIENCES

MiM-Essay (MentR-Me) — Senior Front-end Developer

Jan. 2020 - Oct. 2022

Delhi, India

- 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.

MiM-Essay — Web Development Intern

July 2019 - Dec. 2019

Delhi, India

- 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), resulting in increased user retention and user time spent on the site by a 30% percent.
- Increased the website's core web vitals by using image optimization and scripts optimization techniques, resulting in an increase in web vitals by 35%.

PROJECTS

Music Store | MERN Stack, Next.js 13

[link](#)

- E-commerce Music Store (MERN Stack): Created with Next.js 13 and refined 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) | Next.js 13, Tailwind CSS

[link](#)

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

Free Tour Tickets | Node.js, MongoDB, EJS

[link](#)

- Platform for getting a free concert tickets by uploading sketches/covers.
- Added video/image uploading features using multer.js.

TECHNICAL SKILLS

Frontend: HTML & CSS, JavaScript, jQuery, React & Redux, Next.js, TypeScript, Next.js

CSS Frameworks: Bootstrap, Material UI, Tailwind CSS

Backend: Node.js, Express, MongoDB

Project Management: Git, GitHub, Scrum, Agile Methodology