Dipesh Singh

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Education

G.B. Pant Government Engineering College   Delhi, India
Bachelor of Technology in Computer Science   *August 2016 - September 2020*

Experience

Freelance Consultant   December 2022 - Present

Edzer | *Next.js 12, TypeScript, Tailwind CSS*   *October 2023 – March 2024*
  ∗ Developed an online finance and marketing course platform.
  ∗ Created middle layer APIs in **Next.js 12** for user session management.
  ∗ Integrated **Vimeo** video player and **Razorpay** payment gateway.
  ∗ Transformed Figma designs into a fully responsive web app with **TypeScript** and **Tailwind CSS**.

Heart Care | *Next.js 13, Tailwind CSS*   *June 2023 – September 2023*
  ∗ Developed a website for a cardiologist using **Next.js 13** and **Tailwind CSS**.
  ∗ Replicated the design from an archived version of the client's old site and added updated service information.

Team Lead - Frontend   January 2020 - October 2022
MentR-Me (MiM-Essay)   *Delhi, India*

- Led the design and development of an ed-tech platform using **React.js**, **Redux** and **Next.js**, while managing a team of **5** developers.
- Implemented **Cypress**, improving test coverage by **30%** and reducing test execution time by **20%**.
- Developed user feeds (QA, masterclasses, events, schools), increasing user retention by **25%**.
- Incorporated **Amplitude** analytics to track user behavior and log journeys, providing insights into interactions and traffic patterns.
- Integrated **Redux** for state management and **Material UI** for consistent styling and enhanced UI/UX.
- Applied Next.js code splitting to optimize performance and SEO, improving Core Web Vitals by **40%**, as measured by **Google's Page Speed** Insights.

Web Development Intern   July 2019 - December 2019
MiM-Essay   *Delhi, India*

- Revamped Laravel blade template pages and implemented interactive tools like (profile evaluation, application strength finder, school selector, goal clarity) using jQuery.
- Improved website's core web vitals by **35%** by using assets optimization techniques.

Projects

Music Store | Github | *MERN Stack, Next.js 13*   May 2023 – Present
- Developed an e-commerce Music Store using **Next.js-13** and **Tailwind CSS**, and **TypeScript**, implementing user authentication, product catalog, wishlist, and shopping cart features.
- Rigorously tested with **Jest**, ensuring reliability and functionality across user scenarios.
- Optimized app with **React** server and client components, achieving **95-100%** in **Google Page Speed** Insights.
- Spearheaded robust CRUD APIs using the latest **Next.js-13** API format for efficient data management.

Free Tour Tickets | Github | *Node.js, MongoDB, EJS*   November 2022 – April 2023
- 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.js Redux, Next.js, TypeScript
CSS Frameworks: Bootstrap, Material UI, Tailwind CSS
Backend: Node.js, Express, MongoDB
Project Management: Git, GitHub, Scrum, Agile Methodology