

# Dipesh Singh

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## Education

**G.B. Pant Government Engineering College**

*Bachelor of Technology in Computer Science*

Delhi, India

*August 2016 - September 2020*

## Experience

**Freelance Consultant**

December 2022 - October 2024

**Kimp.io**

*Remote*

- Integrated **Kimp360** CRM app with **Zapier**, reducing manual updates by **70%**, enhancing task efficiency.
- Custom **OAuth authentication** was configured using **Next.js APIs**, improving data security and reducing task processing time by **50%**.
- Built initial pages and property-related tools for **Buy.ca**, boosting page load speed by **25%** and enhancing user engagement.

**Edzer**

- Engineered an online finance and marketing course **ed-tech** platform.
- Built middle layer APIs in **Next.js** for user session management, resulting in a **35%** increase in user engagement.
- Successfully integrated **Vimeo** video player and **Razorpay** payment gateway.

**Heart Care**

- Created a website for a reputed cardiologist using **Next.js** and **Tailwind CSS**.
- Replicated the design from an archived version of the client's old site and added updated service information.

**Founding Frontend Engineer**

July 2019 - October 2022

**MiM-Essay**

*Delhi, India*

- Led the development of an **ed-tech** platform **mentr-me** using **React.js**, **Redux** and **Next.js**, while managing a team of **6** developers, resulting in a platform that supported over **5,000** active users with **92%** uptime.
- Architected a micro frontend architecture with **Webpack Module Federation**, enabling independent deployments for **2** separate teams, reducing deployment time by **48%** and increasing feature delivery by **60%**.
- Implemented **Cypress**, improving test coverage by **40%** and reducing test execution time by **30%**, leading to a more robust and reliable application.
- Generated user feeds (Q&A, masterclasses, events, schools), increasing user retention by **20%**, contributing to a monthly growth of **500** new users.
- Incorporated **Amplitude** analytics to track user behavior, which led to a **15%** increase in feature usage and informed data-driven decisions for future enhancements.
- Installed **Redux** for state management, enhancing performance and **UI/UX** with a **25%** load time reduction.

## Projects

**Music Store** | [Github](#) | **MERN Stack, Next.js 14**

- Created an e-commerce Music Store with user authentication and shopping cart, boosting user retention by **12%**.
- Conducted rigorous testing with **Jest**, improved **32%** in load times and a **24%** reduction in reported bugs.
- Enhanced application responsiveness using **React** server and client components, achieving a **30%** speed increase.

**Movie Browser** | [Github](#) | **MERN Stack, Next.js 14**

- Developed a movie-browsing application using the **TMDB API**, implementing custom filters for type, popularity, release year, genre, and rating range, enhancing user search efficiency by **40%**.
- Enabled bookmarking to save **movies**, **shows**, leading to a **36%** increase in user engagement and repeat visits.

## Technical Skills

**Frontend:** HTML & CSS, JavaScript, jQuery, React.js & Redux, Next.js, TypeScript, Micro Frontend Architecture, Module Federation (Webpack), Single-spa

**CSS Frameworks:** Bootstrap, Material UI, Tailwind CSS

**Testing:** Cypress, Jest, React Testing Library

**Backend:** Node.js, Express, RESTful APIs, GraphQL, MongoDB

**Project Management:** Git, GitHub, Scrum, Agile Methodology