

Manish Singh

[LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Portfolio](#)

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TECHNICAL SKILLS

- Languages** : JavaScript, Python, NodeJs, SQL, HTML, CSS
- Frameworks** : NextJs, ExpressJs, NodeJs, Django, Flask Bootstrap, Tailwind
- Libraries** : ReactJs, MaterialUI, NextJs, Redux, React Router
- Databases** : MongoDB, Sanity
- Dev Tools** : Docker, Visual Studio Code, Git, Github

EXPERIENCE

Web Development Intern

Pepcoding Education Private Limited

Noida, UP, India

- Designed and developed a real-time chat system using **React.js**, **Node.js**, and **MongoDB**, enhancing user engagement and collaboration
- Worked extensively with **RESTful APIs** to retrieve and display data from databases, showcasing proficiency in backend integration
- Implemented website performance optimization techniques, such as code minification and lazy loading, resulting in **a 90% reduction** in dependency on third-party chat systems
- Collaborated closely with the development team to identify and resolve issues, demonstrating strong troubleshooting and problem-solving skills

PROJECTS

- Nearby**

Next.js, React.js, TypeScript, Django, Redis, WebSockets

[Source Code](#)

 - Architected a full-stack web application enabling users to discover and connect with nearby friends, featuring real-time updates and geolocation services
 - Engineered **RESTful APIs** for comprehensive user profile management, including creation, updates, and secure password changes
 - Implemented a real-time messaging system using **WebSockets**, enhancing user engagement and interaction
- AlgoXchange**

Python, Django, MongoDB, Upstox API, Amazon EC2

[Source Code](#)

 - Developed a high-performance algorithmic trading platform capable of executing trades based on complex market algorithms
 - Integrated **Upstox APIs** to achieve lightning-fast trade execution, significantly reducing latency in market operations
 - Leveraged **Amazon EC2** for scalable deployment, ensuring robust performance during peak trading hours
- Job Portal (Freelance Project)**

Next.js, Prisma, MongoDB, React.js, REST APIs

[Source Code](#)

 - Engineered a comprehensive job search platform using **Next.js 13** and **React.js**, facilitating efficient job discovery and application processes
 - Implemented a robust backend with **MongoDB** and **Prisma ORM**, ensuring seamless data management and query optimization
 - Integrated **Clerk** for secure user authentication, enhancing overall platform security and user account management
- R1P FITNESS GYM Website (Freelance Project)**

Next.js 14+, React, TypeScript, Tailwind CSS, Framer Motion

[Source Code](#)

 - Developed a responsive, feature-rich website for a US-based fitness gym, leveraging **Next.js 14+** and **React** with **TypeScript** for enhanced code reliability
 - Designed and implemented dynamic trainer profiles and an interactive transformation gallery with parallax scrolling, significantly boosting user engagement
 - Optimized website performance using **Next.js Image component** and lazy loading, resulting in improved load times and overall user experience

EDUCATION

Greater Noida Institute of Technology

Bachelor of Technology in Computer Science

Greater Noida, UP, India

Grad 2023

Hindustani Kendriya Vidyalaya

PCM

Tinsukia, Assam, India

Grad 2018

PROFESSIONAL SUMMARY

Innovative Full Stack Developer with expertise in building dynamic web applications using modern technologies. Proficient in **JavaScript, Python, and TypeScript**, with a strong foundation in **Data Structures, Algorithms, and Object-Oriented Programming**. Experienced in developing responsive and performant applications using **React, Next.js, and Django**, with a keen focus on user experience and code quality. Skilled in:

- Architecting scalable frontend solutions with **React.js** and **Next.js**, leveraging **TypeScript** for enhanced code reliability
- Developing robust backend systems using **Django** and **Express.js**, with proficiency in designing and implementing **RESTful APIs**
- Optimizing application performance through efficient state management, lazy loading, and modern web optimization techniques
- Implementing responsive designs with **Tailwind CSS** and integrating interactive animations using **Framer Motion**
- Utilizing **MongoDB** and **SQL databases** for efficient data management and retrieval in full-stack applications

Demonstrated ability to deliver high-quality, user-centric web solutions for diverse clients, including e-commerce platforms, financial applications, and fitness industry websites. As a freelancer, I have developed multiple websites, web applications, and software products for overseas clients with thriving real-world businesses, resulting in successful, live deployments.

OTHERS

Drawing | Reading | History | Philosophy | Aerospace | Volleyball | Cricket