NITESH TIWARI
Frontend Developer

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SKILLS

Front-End Development: HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, ShadCN
Back-End Development: Node.js, Express, MongoDB, MySQL, PostgreSQL, Socket.io, WebRTC
Version Control & API Testing: Git, GitHub, Postman

WORK EXPERIENCE

Astratechai   *Jamshedpur, Jharkhand*
Frontend Developer
- Translated **Figma designs** into **pixel-perfect web applications** with a focus on **high performance**.
- Optimized **web applications** to achieve a perfect **100 score in SEO and Best Practices** using **Lighthouse analytics**.
- Analyzed and improved **application speed and accessibility**, resulting in a **Lighthouse score of 92 for Accessibility**.

Tata Steel UISL   *Jun 2024 - Jul 2024*
Web Developer
- Designed and developed a user-friendly **resume builder website**, enhancing **user experience** through intuitive navigation and interactive features.
- Implemented **responsive design principles** to ensure optimal functionality across various devices and screen sizes.

PROJECTS

PrepSphere AI   Link   *Oct 2025 - Present*
Technologies: Next.js , NeonDb
- Developed **comprehensive study notes** from various topics using AI-powered technology.
- Created **interactive flashcards** to facilitate active recall for users.
- Built **challenging quizzes** with detailed explanations to enhance learning outcomes.
- Customized **content** based on individual difficulty levels to meet diverse learning needs.

ShortIt   Link   *Jul 2025 - Aug 2025*
Technologies: React.js, Tailwind CSS, ShadCN, Supabase
- Developed a full-stack **URL shortener app** using **React.js**, **Tailwind CSS**, **ShadCN**, and **Supabase**.
- Integrated **Clerk** for secure **user authentication** and **session management**.
- Enabled users to create, customize, and manage **short links** with **QR code generation**.
- Created a user **dashboard** with **link analytics** including **click counts** and **location tracking**.
- Designed a fully **responsive**, **SEO-friendly UI** for seamless performance across all devices.

Saas Landing Page   Link   *Jul 2025*
Technologies: Next.js, TypeScript, Framer Motion
- Developed a fully responsive and performance-optimized **SaaS landing page** using **Next.js**, **TypeScript**, and **Framer Motion**, incorporating smooth animations and a clean, modern **UI**.
- Attained top scores in **Chrome DevTools Lighthouse**: 100 in **SEO**, 100 in **Best Practices**, and 92 in **Accessibility**, ensuring an excellent user experience and accessibility.
- Designed for speed, lightweight performance, and production readiness, creating an ideal template for **SaaS product launches** and **marketing sites**.

EDUCATION

BTech in Computer Science and Engineering   *Jun 2026*
Arka Jain University**, 9.5**

Diploma in Computer Science and Engineering   *Jun 2023*
Arka Jain University**, 9.3**