# **Mehul Sharma**

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**Career Summary:** React.js/Next.js Developer with 2+ years of experience building scalable, high-performance web applications using the MERN stack. Delivered 5+ production-ready projects, improving user engagement by up to 25% through modern UI/UX and responsive design. Expert in clean, maintainable code and agile collaboration.

#### **Technical Skills:**

- Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, AJAX, jQuery, JSX, Babel, DOM Manipulation, Event Handling
  - Design & Prototyping: Figma
  - **Testing:** Jest, React Testing Library
  - Styling: Tailwind CSS, Bootstrap, Sass, Framer Motion
  - State Management: Redux, Context API, FLUX
  - Backend & Database: Node.js, Express.js, MongoDB, Firebase
  - Tools & Deployment: Git, GitHub, SVN (familiar), Mercurial (familiar), Webpack, NPM, CI/CD tools, Vercel, Netlify, Firebase Hosting, AWS (basic), Chrome DevTools
  - Athentication & Security: JSON Web Token (JWT), Firebase Auth
  - Apis & Data Handling: RESTful APIs, GraphQL, Axios

#### **Experience**

# React.js Intern

Think Next Technologies, Mohali, Chandigarh | 6-month internship

- Developed 5 web applications using React.js, increasing user engagement by 15%.
- Optimized code through reviews, reducing bugs by 10% and improving scalability by 18%.
- Collaborated with a team of web developers to deliver 3 projects within strict deadlines, improving project delivery efficiency by 10%

### **Professional Experience**

### Frontend Developer | Denovo WorkSpace | July 2022 - Present (2 years)

- Developed 5+ interactive React and Next.js applications, improving user retention by 20% through optimized UI/UX and TypeScript integration.
- Integrated REST APIs and Firebase for real-time data handling, reducing latency by 15% for B2B and B2C platforms.
- Led SEO and performance optimization, boosting Lighthouse scores by 25% and organic traffic by 12%.
- Mentored 2 junior developers, introducing a reusable component library that cut development time by 15%.

#### **Projects**

# **Virtual Drums – Interactive Web Drum Kit (Next.js)**

- Built a responsive Next.js UI with Tailwind CSS and TypeScript, enhancing mobile engagement by 25% via a full-screen drumming interface.
- Implemented real-time play, record, and auto-drummer features, improving user interaction time by 30%.

- Optimized performance with lazy loading and Framer Motion animations, ensuring seamless cross-browser compatibility.
- Added theme customization, increasing user personalization by 20% for an engaging experience.

### ⇔ virtualdrums.com

### **TotalPowerTools – E-Commerce Platform (Next.js)**

- Architected a scalable Next.js frontend with TypeScript, boosting page load speed by 20% via lazy loading and SEO optimization.
- Developed reusable cart and product components using Redux Toolkit, reducing code duplication by 40%.
- Integrated APIs for real-time stock and user authentication, ensuring 99.9% uptime for 8,000+ monthly users.
- Collaborated with backend team to handle edge cases, streamlining checkout flow for a 15% increase in conversions. totalpowertools.com

## **Sound Effects Button – Interactive Web Application (Next.js)**

- Redesigned homepage with CSS Grid and Tailwind CSS, improving user engagement by 15% through intuitive layouts.
- Resolved a Firebase module bug, restoring seamless content rendering for 5,000+ monthly users.
- Enhanced SEO and performance, increasing organic traffic by 12% with metadata and asset optimizations.
- Implemented fixed-position Google Ads with JavaScript, boosting ad visibility by 10% while preserving UX. soundeffectsbutton.com

### **LazyPoint NYC – Restaurant Website (React.js)**

- Engineered a responsive React frontend with Tailwind CSS, increasing mobile engagement by 30% via mobilefirst design.
- Built reusable components for menus and forms, integrating Axios for secure API-driven data submission. 

  Implemented React Router for smooth navigation, reducing bounce rates by 20%.
- Added Framer Motion animations, enhancing interactive UX for 8,000+ monthly visitors. lazypointnyc.com

### **Brainwave – Interactive Web Application (React.js)**

- Developed a type-safe React frontend with TypeScript and Tailwind CSS, improving code maintainability by 35%.
- Integrated Parallax effects and section navigation, increasing user session duration by 20%. Responsive design, reducing bounce rates by 15% across devices.
- <u>brainwaveapp.com</u>
- EDUCATION: Done B Tech in ECE (2018-2022) From Rajiv Gandhi Government College, Kangra