

# Niraj Nath

Creative and performance-driven **Frontend Developer** with **3+ years of experience** crafting modern, responsive, and SEO-optimized web applications. Skilled in **React.js**, **Next.js**, and **TypeScript**, with a passion for building clean, scalable, and maintainable user interfaces. Proven track record in **leading frontend initiatives**, optimizing web performance, and mentoring developers to deliver high-quality, production-ready software. Focused on creating user-centric digital experiences that blend performance, design, and usability.

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Portfolio: <https://rct-niraj-portfolio.vercel.app/>

## Work Experience

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### Hobes Tech

#### Lead Frontend Developer

July 2023 – Present | Remote

- **Led the frontend development** of scalable and high-performing web applications using **React.js** and **Next.js**.
- Architected reusable component libraries with **Ant Design** and **Tailwind CSS**, improving code reusability and design consistency.
- Integrated **RESTful APIs** using **React Query**, reducing data-fetching time and improving caching efficiency.
- Leveraged **Next.js SSR and SSG** to achieve a **30% boost in SEO performance and page load speed**.
- Collaborated with designers and QA teams to deliver **pixel-perfect, accessible, and production-ready UIs**.
- Implemented advanced optimization techniques like **lazy loading, code splitting, and virtualization**, enhancing overall app performance.
- **Mentored junior developers**, established code review practices, and enforced clean architecture standards across projects.

#### Frontend Trainee

Jan 2023– June 2023 | Remote

- Contributed to the development of **internal dashboards and analytics tools** improving business visibility.
- Built **modular, reusable React components** following scalable design patterns.
- Collaborated closely with senior developers to **refactor legacy code**, increasing maintainability and readability.
- Strengthened understanding of **frontend performance tuning** and responsive UI design.

#### Frontend Intern

Sep 2022– Dec 2023 | Remote

- Assisted in developing **responsive interfaces and layouts**, ensuring cross-device compatibility.
- Fixed UI bugs, enhanced responsiveness, and improved page rendering consistency.
- Gained hands-on experience with **Git workflows, React fundamentals, and basic unit testing**.
- Participated in **Agile sprints**, collaborating with cross-functional teams to deliver iterative updates.

### NextCoach

- Led frontend development for a scalable webinar and live-class platform using **React.js**, mentoring a team of intern and establishing project architecture and coding standards.
- Engineered a high-performance single-page application (SPA) with **React.js**, implementing advanced optimization techniques like **code splitting, lazy loading, and virtualization** to achieve fast page load times and a smooth user experience.
- Architected and built reusable component libraries with **Ant Design** and **Tailwind CSS**, ensuring design consistency and accelerating feature development.
- Integrated **RESTful APIs** using **React Query (TanStack Query)**, optimizing data-fetching and caching to enhance user experience and reduce server load.
- Implemented critical third-party services: **Getaway (Payments)** for monetization and **Jitsi** for real-time video calling, enabling core platform functionality.
- Successfully delivered Phase 1 of the project on time, collaborating closely with design and QA teams to ship a pixel-perfect, accessible, and production-ready product.

## Projects

### **Bhasika – Educational & Career Guidance Platform** (<https://bhasika.com/>)

- **Next.js, TypeScript, React Query, Tailwind CSS, Ant Design**
- Developed a **Next.js-based career exploration platform** helping students discover universities and test options globally.
- Built a **role-based admin dashboard** for managing users, tests, and reports.
- Applied **structured metadata, dynamic routing, and SSR optimizations** to enhance search visibility and SEO.
- Prioritized **user-centric design** and accessibility across all components.

### **Esahayogi – Fundraising Platform** (<https://esahayogi.hobes.tech/>)

- **Next.js, TypeScript, React Query, Tailwind CSS, Ant Design**
- Engineered a **fundraising platform** that enables users to create, manage, and donate to verified campaigns.

- Developed a **centralized admin console** for campaign tracking, user management, and analytics reporting.
- Implemented a transparent **donation flow** and ensured secure, frictionless user interactions.

## Investment Provider – Financial Web Application (<https://investment.hobes.tech/>)

- **React, Next.js, React Query, Tailwind CSS**
- Designed a **secure investment management system** supporting deposits, withdrawals, and real-time portfolio tracking.
- Utilized **React Query** for optimized data synchronization and state management.
- Delivered a **minimal, high-performance UI** emphasizing clarity, speed, and reliability.

## Next coach – Educational Web Application (<https://nextcoach.com.np/>)

- **React, Next.js, React Query, Tailwind CSS**
- Built a **real-time learning and webinar platform** for educators and students.
- Integrated **GetPay** payment gateway for secure course purchases and subscriptions.
- Implemented **live updates** with Socket.io for seamless real-time engagement.

## Video Call Application – Full Stack Web App (<https://rct-technology.vercel.app/>)

- Engineered a real-time video conferencing application using **Next.js** for the frontend and **Node.js/Express.js** for the backend, facilitating seamless live communication.
- Implemented **WebSocket** connections to enable low-latency, bidirectional communication for real-time features like participant management and chat.
- Designed and integrated a secure **JWT authentication** system to manage user sessions and protect routes.
- Leveraged **TanStack Query (React Query)** on the frontend for efficient server-state management, caching, and synchronization with RESTful APIs.
- Utilized **MongoDB** to design and manage the database schema for storing user data, call logs, and application information.
- Styled the entire application with **Tailwind CSS** to create a responsive, modern, and user-friendly interface.
- Deployed the full-stack application, ensuring robust connectivity between the frontend and backend services.
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## Technical Skills

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- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, React Query, Tailwind CSS, Ant Design, Framer Motion
- **Backend:** Node.js, Express.js, MongoDB, RESTful API Development
- **Tools & Workflow:** Git, GitHub, VS Code, Postman, Figma, Basic CI/CD, Agile/Scrum

- **Core Competencies:** SEO Optimization, Responsive Design, Performance Optimization, Accessibility (WCAG), State Management

## Education

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### **Bachelor of Technology (B-Tech), Computer Science & Engineering**

Tula's Institute of Technology and Management, Dehradun

## Leadership & Contributions

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- Provided **technical mentorship** to junior developers in React, Next.js, and UI architecture.