

# HARSH NIKAM

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## SKILLS

**Programming Languages & Frameworks** – JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Bootstrap, React Native CLI, Expo Router

**Libraries & Database** – Next.js React.js, Redux Toolkit, Google APIs (OAuth), Shadcn, Framer Motion, Firebase, Firebase (Authentication), Git, React Navigation, React Native Maps, React Native Elements, Expo Location, AsyncStorage, RN MMKV, Axios

**Design Tools & Techniques** – Figma, Spline, Responsive Design, UX Wireframing, UX Prototyping, UX Process Flows, User Flows

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## WORK EXPERIENCE

### Software Developer - Francina & Francis Consulting

Nagpur, Maharashtra ( Feb 2025 - Present )

- Built and maintained cross-platform mobile features using React Native, including user authentication, activity tracking, and real-time data visualization via integrated APIs.
- Implemented global state management using Context API and MMKV Storage to handle authentication flows, session persistence, and dynamic user data across screens.
- Collaborated on backend integration with secure REST APIs, enabling seamless communication with enterprise systems and supporting real-time job and production data management.

### Front - end Developer - Zapcode Solutions

Nagpur, Maharashtra ( Jan 2024 - Aug 2024 )

- Decreased the e-commerce website's load time from 8 seconds to 2.5 seconds by minimizing HTTP requests to CDNs, and collaborating with backend developers to implement gzip compression. Link - <https://vibetara.com/>
- Created 3D models for specific product promotions, enriching the product listing page and boosting customer interaction. link - [https://vibetara.com/Bhagat\\_Singh/Bhagat-Singh-Printed-T-Shirt-Vibetara/](https://vibetara.com/Bhagat_Singh/Bhagat-Singh-Printed-T-Shirt-Vibetara/)
- Led a team in developing a Flutter-based Field Data Collection and Reporting Application, replacing manual data entry processes. Directed the entire app design and development, while collaborating with government officials to ensure project alignment with their requirements. Link - <https://play.google.com/store/apps/details?id=com.zapcode.cicrirm>

### Front - end Developer Intern - Kaliba Enterprises Pvt Ltd

Nagpur, Maharashtra ( Jul 2023 - Aug 2023 )

- Collaborated with senior developers to design and maintain responsive, visually engaging web applications. Contributed to front-end development, ensuring optimal user experience across devices.
  - Designed admin dashboards and landing pages in Figma, creating user-friendly and visually cohesive interfaces for seamless navigation.
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## PROJECTS

### Path Tracker [Github Repository](#)

**Role** - Software Developer

**Technologies Used** - React Native, Expo, React Navigation, React Native Maps, React Native Elements, Context API, Axios, AsyncStorage, Node.js, Express, MongoDB, Mongoose, JWT, bcrypt

- Developed a real-time path tracking mobile application for runners, hikers, and cyclists with live GPS tracking, map-based route visualization, and features to record, name, and save tracks for later review.
- Implemented global state management using React Context API to handle user authentication, real-time location updates, and track data across the app, minimizing prop drilling and improving scalability.
- Designed and built an intuitive UI for track creation, listing, and detailed map feedback, enabling smooth user flow across authentication, recording, and playback screens.
- Created a secure backend using Node.js and Express with JWT authentication, bcrypt password hashing, and RESTful API endpoints for managing users and saved tracks. Integrated MongoDB via Mongoose for data persistence.

**Tripster.ai - AI Trip Planner** **Live Demo** **Github Repository**

**Role** - Software Developer      **Technologies Used** - React + vite, Firebase, Google Places API, Google OAuth, Shadcn UI, Tailwind css,

- Engineered an AI-powered travel planning application that creates tailored itineraries based on user preferences like destination, budget, trip duration, and traveler count, leveraging React, Google Gemini AI, Firebase Firestore, and Google APIs.
- Integrated Google Places API and Firebase for dynamic data fetching, including location details, autocomplete suggestions, images, hotel recommendations, and places to visit, enriching the travel planning and data management experience.
- Built a secure and responsive user interface with React and ShadCN UI, incorporating Google OAuth for authentication, tooltips, loading indicators, and toast notifications, ensuring seamless interaction across desktop and mobile platforms.

**SumZ - AI Article Summarizer** **Live Demo** **Github Repository**

**Role** - Software Developer      **Technologies Used** - React + vite, Rapid API, Redux ToolKit, Tailwind css

- Developed an article summarizer that simplifies lengthy content into concise summaries using GPT-4, leveraging OOP principles in JavaScript, and ensuring efficient API integration.
- Designed a secure and fully responsive user interface with React and Tailwind CSS, incorporating features like browsing history, copy functionality, and smooth transitions for an intuitive experience across desktop and mobile platforms.
- Integrated copy-to-clipboard functionality, error handling, and loading states for a smooth user experience, while leveraging local storage caching to display previously summarized articles without additional API calls, enhancing efficiency and performance.

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**EDUCATION**

<b>B.Tech</b> (Electronics and Telecommunication Engineering )	Nagpur (2020 - 2024)
S. B. Jain Institute of Technology, Management & Research	
<b>XII</b> - Tidke Mahavidyalaya	Nagpur (2018 - 2020)
<b>X</b> - Blue Diamond English High School	Nagpur (2018)

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**SOFT SKILLS**

- Communication Skills
- Adaptability
- Teamwork
- Willingness to Learn
- Problem-Solving
- Time Management

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**ACHIEVEMENTS & EXTRACURRICULAR’S**

- Runner-up in CodeFlex, a 2-hour inter-college web development hackathon.