

Shivendra Singh Chandel

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EDUCATION

Madhav Institute of Technology and Science

B.Tech in Artificial Intelligence (2022–2026)

WORK EXPERIENCE

BrandNav

Fullstack Intern

Nov 2024 - Present

- Contributing to the UI/UX frontend of a new product using **React**, **Next.js**, and **Redux** in a fast-paced Agile team..
- Developed scalable **RESTful APIs** using **Node.js** and **Express**, applying **clean architecture principles** with **JavaScript** and **TypeScript** to ensure maintainable, type-safe codebases.
- Integrated frontend with backend services to enable real-time interaction, reducing data fetch latency by **15%** through efficient API design and performance tuning with **Rust-powered** modules where applicable.
- Developed a **cross-platform mobile application** using **React Native with Expo**, implementing optimized navigation, offline support, and platform-specific UI for Android and iOS.
- Engineered a **high-performance desktop application** with **Tauri**, integrating native system APIs, secure file handling, and lightweight resource usage for enhanced user experience.
- Utilized **Git for version control**, **Postman for API testing**, and managed data effectively using **MongoDB** and **PostgreSQL**, ensuring high performance and data integrity.

SKILLS

Skills: Frontend: JavaScript, React, Next.js, Redux/Redux Toolkit, Context API, Tailwind CSS. React Native, expo;

Backend: Node.js, Express, MongoDB, PostgreSQL, Typescript, Tauri;

Additional: Python, C++, Rust, Git, CLI, Web3, Debugging, Deployment, English, Spanish

PROJECT EXPERIENCE

Real-Time Event Tracking & Discord Alert Platform

[github link](#) | [live website link](#)

- Developed a full-stack **event alert platform** using **Next.js**, **Typescript** and **Hono.js** enabling users to create custom events and receive **real-time Discord alerts**.
- Developed a **robust and scalable API key-based event tracking system** that enables external developers to securely trigger **real-time Discord alerts** from their own applications, significantly enhancing **user engagement and monitoring efficiency**.
- Built a dynamic **dashboard** to manage event triggers and Discord IDs, backed by **Prisma ORM** and **PostgreSQL** for reliable, scalable data handling.
- Integrated **Stripe** for premium features like advanced alert filters and usage analytics, supporting monetization and platform scalability.

AI-Powered Webpage Q&A Platform

[github link](#) | [live website link](#)

- Developed** a dynamic **Next.js application** that allows users to input webpage URLs and ask **AI-driven questions** to explore content interactively.
- Integrated** intelligent **data extraction** and **NLP-based response generation** to deliver **real-time**, contextually relevant answers.
- Redesigned navigation** and **optimized the user interface** to improve overall **usability** and **user experience**.