

HARJOT SINGH RANA

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EDUCATION

Bachelor of Technology in Computer Science and Engineering | 2022

Guru Gobind Singh Indraprastha University | New Delhi, India

TECHNICAL SKILLS

Languages & Technologies: JavaScript, TypeScript (experienced), Python (experienced), Java, Move, Rust, Go (beginner), ReactJS, NextJS, Svelte, Flask, Tailwind CSS, ShadcnUI, Fast API, Streamlit, ExpressJS, NodeJS, Bun, Shell/Bash Scripting
External Packages & Libraries: BS4, TanStack Query, Prisma, Payload, Drizzle, Framer Motion, MDX, Zustand, Zod
Databases & Cloud: PostgreSQL, MySQL, MongoDB, NeonDB, Redis, AWS, GCP, Azure, Vercel, Render, Netlify

PROFESSIONAL EXPERIENCE

Full-Stack Developer | Nov 2024 - Present [SignVault.io](#) | St. Petersburg, Florida, USA

- Built the backend API using **ExpressJS** and **Drizzle ORM**, enabling easy and efficient database operations.
- Developed a responsive frontend web application with **NextJS** and **Tailwind CSS**, improving user engagement.
- Implemented the entire dynamic **ABAC system** for resource control, enhancing security and scalability by **30%**.
- Designed a user interface for e-signing PDF documents using **Azure KeyVault**, streamlining document workflows.
- Enabled **real-time notifications** and collab features through **Socket.IO**, improving user retention by over **20%**.

Technologies Used: NextJS, ExpressJS, Tailwind CSS, Redis, React Query, Drizzle, Docker, Turborepo, PostgreSQL, Zustand, Logto, Stripe, AWS S3, Nodemailer, GraphQL, Redis, Azure KV, Winston, Elasticsearch, Logstash, Kabana

Associate Trainee | Sep 2024 - Nov 2024 [LawSikho](#) | Gurugram, Haryana, India

- Scraped over **100,000 jobs** from various websites and performed data cleaning, **ensuring high-quality job listings**.
- Built a fully responsive and user-friendly dashboard UI using **NextJS** and **TailwindCSS**, enhancing user satisfaction.
- Created an **admin dashboard** for monitoring logs, errors, and managing jobs - **increasing operational efficiency**.

Technologies Used: NextJS, Supabase, TailwindCSS, ShadcnUI, BS4, Multithreading, WebSockets, AWS EC2, AWS SES

Full-Stack Engineer Intern | Aug 2024 - Sep 2024 [Mindcase Technologies](#) | Gurugram, Haryana, India

- Developed an AI-based blog generation platform by implementing both the **OpenAI API** and **Reddit API**.
- Enabled existing users to generate blogs based on Reddit thread URLs, **enhancing user experience by over 2x**.

Technologies Used: NextJS, OpenAI API, Reddit API, ShadcnUI, Tailwind CSS, i18next, Framer Motion

PERSONAL PROJECTS

[Avocodos](#) | [GitHub Repository](#) | [Live Demonstration Video](#) | [Live Website Link](#) September 2024

A full-fledged **Web 3.0-based social media** and learning platform built on the Aptos Network.

- Designed and implemented the entire frontend using **NextJS** and **Tailwind CSS**, improving user experience.
- Developed smart contracts in the **Move programming language** to enable blockchain-based user profiles and posts.

[Zyflo UI](#) | [GitHub Repository](#) | [Live Demonstration Video](#) | [Live Website Link](#) November 2024

An **animated UI library** designed specifically for backend developers to create intricate animations and effects easily.

- Created an accessible & visually appealing UI library using **Framer Motion**, **MDX**, and **Contentlayer**.
- Improved developer efficiency by providing pre-built components and animations by over **300%**.

[CredChain](#) | [GitHub Repository](#) | [Live Demonstration Video](#) | [Live Website Link](#) February 2024

A Web 3.0 platform that stores and verifies public credentials such as **certificates over the blockchain network**.

- Implemented the smart contract for storing and **verifying credentials** in Move, a Rust-based language.
- Designed and built the entire front-end for the website, including the landing page & **dashboards for all user roles**.

[TaskHunt](#) | [GitHub Repository](#) | [Live Demonstration Video](#) | [Live Website Link](#) February 2023

A platform where students **hunt for real-world experience** and **earn bounties** by tackling tasks posted by organizations.

- Built the frontend using **React**, wrote the backend REST API using **ExpressJS**, and used **MongoDB** as the database.
- The main motive of this project is to help students or freshers acquire practical experience and knowledge through industry-standard projects.