

HARJOT SINGH RANA

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EDUCATION

GURU TEGH BAHADUR
INSTITUTE OF TECHNOLOGY

**BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND ENGINEERING**

2022-2026 | New Delhi, India | 7.83 GPA

MIRA MODEL SCHOOL

CBSE CLASS 12TH PASSED

2021-2022 | New Delhi, India

MIRA MODEL SCHOOL

CBSE CLASS 10TH PASSED

2019-2020 | New Delhi, India

LINKS

Github [@HarjotSinghh](#)

Linkedin [@HarjotSinghh](#)

Twitter [@HarjotSinghh](#)

LeetCode [@HarjotSinghh](#)

HackerRank [@HarjotSinghh](#)

Behance [@HarjotSinghh](#)

COURSEWORK

Digital Logic and Computer Design

Design and Analysis of Algorithm

Database Management System

Object Oriented Programming

Java Programming Language

C Programming Language

Compiler Design

Data Structures

Operating Systems

Software Engineering

Computer Networks

PROGRAMMING SKILLS

LANGUAGES

Experienced

JavaScript • TypeScript • Python

Intermediate

C • C++ • Java • Move

FRAMEWORKS/LIBRARIES

ReactJS • NextJS • Svelte • Xata • NeonDB

Flask • Discord.py • BS4 • Aptos SDK • PIL

TanStack Query • Prisma • Payload • Drizzle

TECHNOLOGIES

HTML5 • CSS3 • MySQL • PostgreSQL • Redis

MongoDB • Tailwind CSS • Blockchain • PWA

HONORS AND AWARDS

GOOGLE DEVELOPER GROUPS ON CAMPUS GTBIT

WEB DEVELOPMENT LEAD

September 2024 - Present

WEB DEVELOPMENT TEAM MEMBER

December 2023 - September 2024

EXPERIENCE

LAWSIKHO | TRAINEE ASSOCIATE

September 2024 - Present | Gurugram, Haryana, India

Contribution

- Created a job listings website; scraped over 1,00,000 jobs from various websites, performed data cleaning, ensuring every job is presentable with no missing details.
- Built a fully responsive and a very user-friendly UI in order to ensure the best user experience for all the users and visitors.
- Created an admin dashboard where admins can view logs, errors and manage jobs.

Technologies Used

NextJS • Supabase • TailwindCSS • ShadcnUI • BS4 • Multithreading • SocketIO

Links

[Preview website](#)

MINDCASE | FULL STACK ENGINEER INTERN

August 2024 - September 2024 | Gurugram, Haryana, India

Contribution

- Assisted the team in creating an AI-based blog generating platform where users can enter a keyword or specify a Reddit thread URL and then generate blogs based on it.
- Integrated OpenAI API to generate the blogs and Reddit API to get the thread details.
- Implemented internationalization with the i18next framework.

Technologies Used

NextJS • OpenAI API • Reddit API • ShadcnUI • Tailwind CSS • i18next

PROJECTS

AVOCODOS | SEPTEMBER 2024

Description

- A completely Web3-based social media and learning platform, built on the Aptos network using the Aptos SDK and smart contracts written in the Move language.
- Allows users to socialize via posts, learn via courses, earn exclusive NFT rewards for being active on the platform and share ideas and communicate with like-minded people by joining various communities.

Contribution

- Created smart contracts using the move programming language which allowed me to create user profiles, posts, comments, courses, etc. - all on the blockchain network.
- Designed and implemented the entire front-end of the web application, ensuring a responsive design and a smooth user experience.

Technologies Used

NextJS • Supabase • Aptos • Tailwind CSS • ShadcnUI • Redis • Lucia • Typescript • Move Uploadthing • Tiptap • TanStack Query • React Hook Form • Prisma ORM • Vercel

Links

[Preview website](#) • [GitHub Repository](#)

CREDCHAIN | FEBURARY 2024

Description

- A website that securely stores and verifies credentials and certificates which creates an immutable and trustless system that reduces the risk of certificate fraud.
- The certificates for each individual are stored as a block on the Aptos blockchain network, which ensures that the data is immutable.

Contribution

- Created the smart contract using the move programming language, which had functions to create new certificates, and get details of the certificates.
- Designed and implemented the entire front-end of the web application, ensuring a smooth user experience.

Technologies Used

NextJS • Supabase • Aptos Network • Move • Tailwind CSS • ShadcnUI

Links

[Preview website](#) • [GitHub Repository](#)