

# Harmeet Singh

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## EDUCATION

### G D Goenka University

Bachelor in Computer Science, CGPA : 8.12

Gurgoan, Haryana

2020 – 2024

## EXPERIENCE

### MERN Stack Dev

April. 2023 - Sept. 2023

*The Tech Musketeers*

*Remote*

- Design and develop new custom components to meet project requirements and enhanced loading times by resolving bugs and glitches, resulting in a smoother user experience.
- Implemented a robust pagination system and advanced search functionalities, elevating the user experience by allowing seamless navigation and quick content discovery.
- Successfully integrated Stripe payment methods, broadening the spectrum of secure and user-friendly payment.

### NextJs Dev

Jan. 2023 – Mar 2023

*AdMyBrand*

*Remote*

- As a Next.js developer, I managed and led front-end development tasks, ensuring seamless integration with APIs.
- Conceptualized and implemented new features that significantly enhanced the application's functionality, resulting in improved user engagement.
- Mentored and supervised another intern, effectively delegating tasks and providing guidance as needed.

### Blockchain Dev

Sept. 2022 – Jan. 2023

*Tecksteck*

*Remote*

- Contributed to the development of the Aztec Curve Swap Bridge .
- Designed and implemented a new Bridge for Curve, enabling seamless swapping of TOKENS via Curve pools .
- Developed a Uniswap LP Bridge and a Collateral plugin for wsOHM, showcasing blockchain proficiency.

## PROJECTS

### Cypress: Real-time Collaboration | *Next.js, Supabase, Typescript, Stripe, Sockets, Drizzle, tailwind* [Github](#)

- **Real-time Collaboration** : Enabled live, simultaneous editing allowing multiple users to collaborate and projects seamlessly.
- **Cursor Tracking**: Implemented real-time cursor tracking, allowing users to see where others are working and who is making changes.
- **Stripe Payment Integration**: Implemented Stripe for secure and efficient handling of subscriptions .
- **User Authentication**: Incorporated authentication mechanisms to ensure secure user login and data protection

### Socials | *ReactJS, Redux-Saga, Node.js, Express.js, MongoDB, Firebase*

[Github](#)

- Developed a photo-sharing web application with user-friendly features for uploading, sharing, and deleting posts.
- Implemented secure user authentication and account management using Firebase.
- Integrated a like system to enable user engagement and display post popularity.

### Strip Color Detection | *Python, OpenCV, Django, React.js*

[Github](#)

- Developed a web application for uploading urine strip images and identifying colors.
- Utilized OpenCV for accurate color detection and extraction from the uploaded strip image.
- Simplifies interpretation of urine strip colors for medical professionals and individuals monitoring health.

## TECHNICAL SKILLS

**Languages:** C/C++, Python, Typescript, JavaScript, HTML/CSS, Solidity .

**Frameworks:** React Js, Node.js, Django, Next.js, Tailwind CSS, Bootstrap

**Databases:** MongoDB, MySQL, Firebase Realtime Database, Supabase .

**Libraries:** Redux, NumPy, OpenCV, Drizzle ORM, Jest

**Others:** Dockers

## CERTIFICATIONS/ACHIEVEMENTS

- Leetcode : 300 questions
- Smart India Hackathon 2022 Runner-Up
- Computer Networking and Internet Protocol ( NPTEL Course )
- Programming In Java ( NPTEL Course )
- Data Mining ( NPTEL Course )