

Surkhab Singh

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[LinkedIn](#) | [GitHub](#)

EDUCATION

Guru Tegh Bahadur Institute Of Technology
Bachelor of Technology in Computer Science, CGPA: 8.9

New Delhi, India
2020 – 2024

Guru Harikrishan Public School, India Gate
Class XII, CBSE, Percentage: 86.83

New Delhi, India
2020

TECHNICAL SKILLS

Languages : JavaScript , TypeScript , Python , C/C++ , HTML/CSS , SQL
Frameworks : ReactJS , NodeJS , ExpressJS , Svelte , TailwindCSS , Material UI , ThreeJS , Vite , GraphQL
Tools : MongoDB , PostgreSQL , OAuth , JWT , Redux , Jest , AWS , Docker , Prisma , Nginx , shadcn , Zustand , TanStack Query

EXPERIENCE

Freelance Remote
Full - Stack Developer

- **Fronend:** Developed a responsive and interactive user interface using ReactJS and enhanced the styling with Tailwind CSS.
- **Backend:** Implemented a robust backend system in NodeJS to support data extraction from user-provided URLs. Utilized a Python script to efficiently extract relevant data from the provided URL (generated from APOLLO). Processed and organized the extracted data, transforming it into a CSV format for optimal usability.

PROJECTS

Owl | ReactJS , Go, Blockchain, TypeScript, TailwindCSS, MongoDB, IGDB API, Shadcn [View Project Here](#)

- Created a system where each game purchase generates a unique NFT and license key.
- Introduced a powerful feature allowing users to resell purchased games with reusable licenses.
- Devised a robust proof-of-transaction mechanism, ensuring transparency and proof of ownership.

JIM | An exercise encyclopedia | ReactJS, MaterialUI, Auth0, RapidAPI, Framer Motion [View Project Here](#)

- Designed a web application aimed at promoting fitness and well-being. Established an effective interface allowing users to select exercises based on their targeted body parts, enhancing the personalization of their workout routines
- Integrated a robust recommendation system, leveraging YouTube content to provide users with instructional videos tailored to their chosen exercises.

Versus | A PvP browser minigame | JavaScript, GSAP, Three.js, Framer Motion [View Project Here](#)

- Integrated GSAP for seamless and visually striking animations, enhancing the overall gaming experience.
- Utilized Three.js to create immersive 3D graphics, elevating the game's visual appeal within the browser environment.

ChroniQuill | JavaScript, EJS, NodeJS, ExpressJS [View Project Here](#)

- Put into effect robust authentication mechanisms to safeguard user accounts, enabling secure account creation, login, and post management without risk of unauthorized access.
- Implemented responsive design to optimize the viewing experience across desktops, tablets, and smartphones.

ACHIEVEMENTS

- Secured **1st place** among 12,000 participants at TezAsia 2k23 hackathon.
- Secured **2nd place** at Diamante Net Hackathon organized by Diamante Blockchain.
- Secured **1st position** at Hack7days hackathon organized by Tezos.