Devansh Saini

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EDUCATION

Meerut Institute of Engineering and Technology	Meerut, UP
Bachelor of Technology in Information Technology	*Aug. 2022 – May 2025*
Government Polytechnic Ghaziabad	Ghaziabad, UP
Diploma in Information Technology	*Aug. 2019 – June 2022*

PROJECTS

Show Pop Extension | React, CRXJS, Cloudflare Workers   View Project
- Developed a Chrome extension to stream random episodes from classic Indian TV shows
- Created a fast, lightweight *serverless API* with **Cloudflare Workers** for content delivery
- Utilized **CRXJS** to streamline extension setup, packaging, and browser support
- Crafted a responsive and intuitive popup UI using React and Tailwind CSS

GifsTok | React, Zustand, Firebase, Tenor API   View Project
- Created a minimal GIF search app enabling users to search, like, download, and share GIFs
- Built a *serverless* Tenor API wrapper using **Netlify Functions** for seamless integration
- Integrated **Firebase Authentication** to handle user sessions and persist liked GIFs
- Managed global state efficiently with **Zustand**, ensuring smooth and scalable updates

Task Thing | React, Dexie, IndexedDB   View Project
- Designed a to-do and notes app with seamless *cross-device syncing* functionality
- Stored data in browser's local database (IndexedDB) using **Dexie.js** as a wrapper, with real-time sync via Dexie Cloud
- Structured state logic to efficiently handle creation, editing, and deletion of tasks and notes
- Implemented custom React hooks to modularize app behavior and streamline data flow

Retro Snake | React, Typescript, HTML Canvas   View Project
- Developed a Snake game inspired by *LeetCode's Design Snake Game* (#353)
- Added multiple maps, board size options, and dynamic difficulty
- Handled rendering and game loop using **Canvas** and *requestAnimationFrame*
- Managed game state using *Context API* and persisted high scores via local storage

CERTIFICATIONS

Deloitte Technology Job Simulation   Certificate
- Completed a job simulation involving unifying two data models using Python
- Wrote a proposal for creating a technology dashboard

Front-End Software Engineering Job Simulation – Skyscanner   Certificate
- Developed a travel date selection page using React and Skyscanner's Backpack UI kit
- Customized the app and implemented automated tests for consistent rendering

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python
Frameworks: React, Next.js, Express
State Management: Zustand, Redux Toolkit
UI & Styling: Tailwind CSS, Material UI, Shadcn UI
Backend & Cloud Services: Firebase, Appwrite, Cloudflare Workers
Databases: MongoDB, SQL
Platforms & Tools: Git, Postman, Vercel, Netlify