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

GifsTok | *React, TypeScript, Zustand, Firebase* GitHub
Built a GIF web app allowing browsing, sharing, and liking using Tenor API

- Developed a GIF-based web app using React, enabling users to browse and share GIFs
- Managed state with Zustand for user data and theme
- Used React Query to handle API requests and fetch GIFs from the Tenor API
- Implemented Firebase for authentication and to store liked GIFs in the database

Task Thing | *React, TypeScript, Redux, Dexie* GitHub
To-do list web app for efficient task tracking with local storage support

- Developed a simple to-do app using React for task tracking
- Used Dexie.js with IndexedDB for local storage and seamless task synchronization across devices
- Implemented state management with Redux
- Styled the web app using Tailwind CSS for a clean, responsive design

Retro Snake | *React, TypeScript, Context API, HTML Canvas* GitHub
Classic Snake game built with React, featuring multiple difficulty levels

- Developed a Snake game using React, inspired by LeetCode's "353. Design Snake Game" problem
- Used a queue data structure to efficiently manage the snake's body segments and movement
- Implemented multiple difficulty levels, adjusting the snake's speed and grid size for varied game play

Dixnary | *React, TypeScript, Context API* GitHub
Dictionary app for real-time word definitions, synonyms, and seamless navigation

- Developed a dictionary web app using React for searching word definitions and synonyms
- Integrated an API to fetch real-time word data, including definitions and related information
- Implemented React Router for seamless navigation between word search pages and results

CERTIFICATIONS

Front-End Software Engineering Job Simulation View
- Completed a front-end engineer job simulation at Skyscanner, building a web app with React
- Built a page for selecting travel dates utilizing Skyscanner's open-source Backpack React library
- Customized the application to meet project specifications, ensuring a user-friendly interface

ZScaler Introduction to Networking for Cyber Professionals (EDU-101) View
- Completed EDU-101 exam on foundational networking concepts for professionals
- Gained practical knowledge of networking principles for securing network environments
- Learned key concepts like IP addressing, routing, firewalls, and network security protocols

TECHNICAL SKILLS

Programming Languages : JavaScript, TypeScript, Python, HTML/CSS
Frontend Technologies : Next.js, React, React Router, Tailwind CSS
State Management : Redux, Zustand
Backend Services : Node.js, Firebase, Appwrite
Database : MySQL, SQLite, MongoDB (NoSQL)
Tools : Git, Vite