

# UTKARSH TIWARI

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## Education

### Bachelor of Technology in Computer Science & Information Technology (2020 – 2024)

Mahatma Jyotiba Phule Rohilkhand University - Bareilly, India

### Secondary Education (2020)

82.5%

P.N National Public School (CBSE) - 12th

## Experience

### Frontend Web Developer @Kroto

October 2023 – June 2024

- Implement TRPC (TypeScript RPC) functionality using Next.js and Tailwind CSS for a seamless user experience in Kroto.
- Utilized React Query for efficient data fetching and state management, enhancing application performance.
- Implemented form handling with React Hook Form and Zod schema validation to ensure data integrity and user input accuracy.
- Integrated Zoom functionality via OAuth 2.0 for seamless communication and collaboration within the Kroto platform.

### Frontend Web Developer Intern @Traveeey

May 2023 – Aug 2023

- Contributed to diverse Frontend projects, gaining proficiency in technologies such as Next.js, Redux Toolkit, and RTK Query.
- Successfully maintained, debugged, and scaled projects, fostering an enhanced user experience.

### Software Developer freelancer @Website

December 2022 – Feb 2023

- Successfully completed a freelancing project centered on a unique book reading startup.
- Demonstrated expertise in Next.js, Material-UI, React Query for efficient API handling, and state management.
- Employed advanced techniques such as Redux Toolkit and Redux Persist for robust state management and secure data storage.

## Skills & Technologies

Languages C/C++ HTML CSS Javascript Typescript Python

Framework React.js Next.js Node.js Express.js MongoDB Vite React Native Tailwind css Firebase & Firestore Socket.io Redux Toolkit Formik Zod Yup Tanstack React Query

Frontend UI Library Shadcn/UI Material UI Headless UI Chakra UI Flowbite React Daisy UI Frontend UI Library Git Github VSCode Android Studio Figma Postman Linux Pop OS VS Code

## Projects

### Codeverse.Dev Github Deployed

4 Weeks (85+ hours)

- Codeverse.dev is a web app for creating and sharing code snippets, similar to a community like Discord.
- Built with Next.js, Tailwind CSS, and Headless UI for styling, with optimized data fetching using React Query and form handling with React Hook Form and Zod for validation.
- Utilizes Node.js and Express.js with MongoDB for the database.
- Implements JWT for authentication and authorization.

### CodBoot GitHub Deployed

1-2 Weeks (50+ hours)

- Developed CodBoot, a platform facilitating efficient note-taking for Coding and DSA problems.
- Implemented custom tags and problem URL attachments, enhancing organization and accessibility.
- Utilized React.js, Typescript, and TailwindCSS to create an intuitive and responsive UI.
- Integrated Firebase Authentication for secure access and Firestore for efficient database management.

### Moviehut Github Deployed

3 Weeks (70+ hours)

- Empowered users to access and explore detailed movie information by providing movie titles.
- Built using React.js
- Written in Typescript
- Beautiful and responsive UI made with Tailwindcss for styling
- Firebase for back-end (Auth, Cloud Firestore Database, Storage)