

Nitesh Kumar Tudu

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About Me:

MERN stack developer with 3years of experience, who loves to code. I prioritize writing efficient, maintainable, reusable, scalable and easy-to-read code. I love to listen to music. I use Neovim and AI for primary development. Love to build tools and small projects.

Skills:

Languages:	JavaScript/Typescript, Mongo DB, Postgresql, Go (beginner)
Libraries & Frameworks:	React js, Next js, Express js, Redux toolkit, Vite, Jest, Vitest, Tanstack
Tools:	VS Code, Pgadmin, Neovim, Git, Chrome Debugger, Docker, Github Actions (basic pipelines), Basic Figma designs
Platforms	Ubuntu, Windows, MacOS
Other	Touch Typing

Experience:

Spiderweb Technologies (MERN stack developer) [27th Feb of 2024 to present]

- Developed more than 5+ web applications using **React.js**, **MUI**, **Redux**, **Zustand**, and **React Query**. Implemented real-time chat systems with socket connections, and optimized frontend performance and debugging using **Chrome DevTools**.
- Contributions involved **Node.js**, **Express.js**, **Redis**, storage systems, notification systems, **AI modules** (prompting too), and background job processing with **BullMQ**.
- Worked on operational platforms, AI chat platforms with both js and ts codebase.

Gauge.ro (Full stack web developer Intern) [17th of July 2023 to 30th of October 2023]

- Responsible for developing the software for both frontend and backend for core architectural structure
- A fully working **PWA** application made with **Next.js** as its framework and automated testing with **jest** and backend with **javascript** on **express js**.

Software Technology Park of India (C and C++ Programming training) [june-2019 to july-2019]

- C and C ++ Languages
- OOPs Concepts

Education:

Biju Patnaik University of Technology

Bachelor of Technology - Computer Science and Engineering (86.9%)

Bhubaneswar, India

Aug-2018 to July-2022

Jawahar Navodaya Vidyalaya

12th - Science (79.4%)

Sundargarh, India

June-2016 to April-2018

Personal Projects:

Antora: A fork of **shadcn**, with physics based smooth animations and additional to expressive colors for better user interaction and user experience. [check here](#)

Tools-Used: Shadcn, framer-motion.

Atlas: An AI-powered tool that **scrapes website** data, stores it in a **vector database**, and allows users to ask questions about the website content with relevant source links. (close-source)

Tools-Used: React, Express js, Openai, hugging face, Web Scraper, Vector Database

Busy Hours: Helps block notifications but keeps track of them inside the app. It also blocks certain applications from being used within a certain schedule, or via manual enable/disable settings. [check here](#), [app](#)(currently closed testing)

Tools-Used: React Native, Android, Kotlin

Notion Clone: A clone of highly popular note-taking application **NOTION**. Where we can do the basic functionality of notion. [check here](#)

Tools-Used: Next.js, Clerk, Convex, TypeScript, Shadcn, etc..

SKMP: A command line tool as well as **TUI** to centralized ai agent's skills, and manage skill access to **AI Agents** with symlinks so it have a centralized store and doesn't take space when it shared between multiple agents..

Tools-User: Cobra, Golang, Charm, etc...

Freelancing Projects:

Innohexit: Landing page with **react** and with using a custom **cms (Sanity)** which's data can be updated with the **sanity studio**. [check here](#)

Tools-Used: Next.js, Sanity, Typescript, Shadcn

SquareFeet: Project for selling/purchasing real estate (land/flat/house etc.). Worked on frontend of the application.

Tools-Used: React, Redux

Rolex-Meters Admin Panel: To manage **sim, modems, and meters**. (equipmental management) and additionally **PO** and **Batch** management too. [check here](#)

Tools-Used: Vite, React, MongoDB, Express js,

Declaration:

- The information on this page is true to the best of my knowledge and belief.

Date: 1stSep 2026