

# TANMAY KACHROO

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Portfolio | GitHub | LinkedIn | HackerRank

## EDUCATION

**VIT Bhopal** Bhopal, India  
B.Tech CSE *GPA: 8.5* 2020 - 2024

**Kendriya Vidyalaya** India  
10+2 *GPA: 95%* 2019 - 2020

## EXPERIENCE

**Spacenos | Full-stack Web Developer Intern** Remote | November 2021 - January 2022

- Developed and maintained the web app using React.js, Firebase Cloud Functions, Firestore, Storage, with neat version control on Gitlab. Used Antd Design. Implemented CRUDs.

**Protege | Full-stack Web Developer Intern** Remote | September 2021 - November 2021

- Created and maintained their mentorship web app, using React.js, Firebase Firestore, Storage with version control. Implemented all CRUDs and peerto-peer chatting.

**GDSC VIT Bhopal | Web Team** Bhopal, India | January 2022 - Present

- Web Team member at Google Developer Student Club (GDSC), VIT Bhopal

## SKILLS

Programming Languages: Typescript, Javascript, C++, Python, Java, Rust  
Libraries/Frameworks: Next.js, React.js, Express, Socket.io, Nest.js, Prisma / TypeORMs, Tailwind-CSS, Electron  
Tools / Platforms: Docker, Github, Gitlab  
Databases: MySQL, PostgreSQL, Firebase, MongoDB

## PROJECTS / OPEN-SOURCE

**Live Public Chatrooms | Link** *React.js, Web sockets (Socket.io), express, Chakra UI etc*  
Set username and chat with multiple online users. Create your own chatrooms and share images with notifications and check online friends. Frontend deployed on Vercel, backend on Heroku with CI/CD.

**Learn Blockchain Webapp | Link** *Next.js, Firebase, Crypto.js, Sawo API etc.*  
Intro to blockchain technology for beginners. Visualize and interact with blocks and learn the meaning behind it. The new users are also visualize as blocks in the an API with hashes.

**Dynamic Portfolio | Link** *Typescript, Next.js, Tailwind, Notion AP, Next ISR*  
Used Next.js + Tailwind for frontend. Used Notion as CMS and fetched posts and projects using Notion API with Next.js ISR (Incremental Static Regeneration) which updates static pages repeated with custom time. Used Next.js API functions to update post views in Notion Database. Also used best designing practices.

**Soft Computing Solver | Link** *Typescript, Next.js, Styled Components*  
Solve SoftComputing problems through different algorithms step-by-step.

**Portfolio Builder | Link** *React.js, Firebase*  
Used React.js and Firebase. Users can create their own portfolio page with no code. They can upload their profile image, projects and all socials and portfolio page with custom link will be generated. Few of my friends with no web dev background are using this.

**Creative Coding | Link** *Javascript, Canvas API*  
Used Javascript and Canvas API to produce Art.

**Open Source Contributions**  
Made PRs and opened issues in different opensourced repositories.