

Vishrudh Raj

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

BTECH IN ECE
2026| Trichy, India

LINKS

Github:// [vishrudh-raj-rs-14](#)
LinkedIn:// [vishrudh-raj](#)

SKILLS

LANGUAGES

Over 5000 lines:
Javascript • Python • HTML5 • CSS •
Typescript
Over 1000 lines:
C • C++ •

TECHNOLOGIES

Node.js • Express • Socket.io • Mongoose
• Next.js • Flask • React.js • Git • Github
• Tailwind • Pug • Prisma • MantineUI •
WebRTC

DATABASES

MongoDB • PostgreSQL/MySQL

TOOLS/SOFTWARE

GIT • Docker • Postman • Figma

ACHEIVEMENTS

3rd Place in Tri NIT Hackathon
3rd Place in Algos Contest NIT Trichy
Finalists in Pragyan Hackathon

FREE LANCING

EXPERIENCE

Build a business management tool for a international paper board industrial company to help them manage raw material purchase , usage and maintain a report securely

EXPERIENCE

DELTA FORCE | SOFTWARE DEVELOPER

August 2023 – PRESENT | NIT TRICHY

- Software Developer in the official coding club and web team of NIT Trichy, which produces and maintains most of the web and app development for various activities, festivals and admin-related projects in the college.
- Developed and Deployed production-ready websites and applications accessed by 10,000s of unique visitors every year.

AAVEG | MANAGER OF WEB OPERATIONS

October 2023 – PRESENT

- Manager of the Web Operations team of Aaveg, the annual inter-hostel sports and cultural extravaganza of NIT, Trichy.
- Managed and Developed websites for over 1000+ freshers for a college fest.

DELTA WINTER OF CODE | DEPUTY MANAGER/MAINTAINER

Dec 2023 – Jan 2024

- Played a pivotal role as lead contributor in DWOC, a platform akin to GSOC, fostering open-source collaboration, with significant involvement resulting in over 320 registrations.

FEATURED PROJECTS

TIMEWARP | CODE BASED PUZZLE SOLVER

Dec 2023 – Feb 2024 | NIT Trichy

- Built a Code Based Puzzle Solver game with a team of 10 people using React, Redux, Phaser, SpringBoot, Kotlin
- Worked on a Shooting system, Inventory system and various Puzzles
- The game had about 500+ registrations with one of the most number of active participants among all events.

EDU 2.0 | PHYSICS VISUALIZER

Mar 2023 – June 2023 | NIT Trichy

- Developed EDU 2.0, an innovative educational platform facilitating seamless interaction between students and educators, emphasizing understanding complex physics concepts.
- Utilized the MERN Stack (MongoDB, Express.js, React.js, Node.js) for robust and scalable development.
- Implemented physics simulation with matter.js
- Implemented real-time chat functionality using web sockets with Socket.io, enabling instant communication between users.

QUIZHUB | ONLINE QUIZ PLATFORM

Feb 2023 – March 2023 | NIT Trichy

- Developed QuizzHub, an interactive platform facilitating quiz creation and participation, alongside fostering a vibrant community atmosphere.
- Implemented backend functionalities utilizing Node JS and Express, ensuring seamless server operations and efficient data handling.
- Engineered a custom authentication system from scratch to secure user accounts and ensure data integrity.
- Utilized Pug as the rendering engine for server-side rendering, enabling dynamic content generation, and integrated Socket.io for real-time leaderboard updates, enhancing user engagement.