Goutam Kumar Nayak

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SKILLS

Frontend: React Js, Next Js13, Tailwind CSS
Backend: Node.js, Express.js, REST api, Socket.IO, C++, JavaScript
Database: MongoDB, Mongoose
DevOps: Docker, Git/GitHub
Tools: Figma, Unix Shell, Postman

PROJECTS

Online C++ Compiler | *Next.js, Tailwind CSS, Express.js, Socket.IO, Node-pty*　　　　May 2024
- [GitHub] [Demo]
- Developed an online C++ compiler, featuring auto-complete suggestions on the code editor
- Integrated a full-fledged terminal alongside the code editor for faster execution of C++ programs with all other commands of a terminal, and uses Socket.IO to communicate with backend
- Implemented customization like theme selection, font size adjustments and intuitive controls for optimal experience

NotanAdBlocker | *JavaScript, Chrome Extension*　　　　Jun 2024
- [GitHub] [Demo]
- Built a browser extension that fast-forwards online ads to 16x speed and skips them
- Used Chrome Extensions API to implement a toggle button to enable/disable it

CyberBlog | *Next Js, css3, MongoDB, OAuth, Prisma, Firebase, Git*　　　　Jan. 2024
- [GitHub] [Demo]
- Created it with Next.js for optimized server-side rendering and enabled routing to view specific content
- Integrated OAuth authentication, resulting in a 90% decrease in unauthorized access attempts
- It features a user-friendly text editor for composing and publishing blog posts

E-Commerce | *React Js, Tailwind, React-Router, Node Js, Express, MongoDB, Mongoose, Stripe*　　　　Dec 2023
- [GitHub]
- Implemented client-side routing with React-Router for seamless navigation between pages
- Created RESTful APIs with Express.js to handle requests from the frontend
- Incorporated user authentication using JWT (JSON Web Tokens) and bcrypt.js for secure login and registration
- Implemented RBAC for access control and Stripe as payment gateway

EXPERIENCE

Enigma (coding club) | *Member*　　　　Mar. 2023 – Feb. 2024
Contributed to club activities centered around Competitive Programming and Web Development

ACHIEVEMENTS

- Achieved global **rank of 215** in CodeChef Starters 137 Div3
- Secured **2nd place** in the **BUILD-A-HACKATHON** as a team member of 'Codewings' hosted by GDSC VSSUT community
- Secured **1st position** in Blind Code during the tech fest at VSSUT

EDUCATION

Veer Surendra Sai University of Technology　　　　Mar 2026
B.Tech. Computer Science and Engineering　　　　*Current GPA: 7.7/10.0*
N.C. higher Secondary School　　　　May 2022
Intermediate Education in Science　　　　*Percentage: 86.6/100*