

ROHAN KALE

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in [Linkedin](#)

o [Github](#)

Education

Indian Institute of Information Technology, Nagpur

December 2021 - Present

Bachelor of Technology in Electronics and Communication Engineering, CGPA:7.84

Nagpur, Maharashtra

Relevant Coursework

- Data Structures
- Machine Learning
- Operating System
- C Programming

Experience

Cognimed Technologies Pvt. Ltd.

May 2024 - Present

Fullstack Developer Intern

Remote

- **Tools & Technologies:** JIRA, Git, GCP, React, Redux Toolkit, Tailwind CSS, Python FastAPI
- **Frontend Development:** Designed and implemented 100% of user interface components using React and Tailwind CSS, creating distinct, optimized UIs for mobile and desktop versions by identifying the user agent.
- **Backend Contributions:** Developed and debugged APIs with Python FastAPI, implementing JWT-based authentication and refresh tokens, enhancing security and session management. Integrated caching techniques, reducing API calls by 50% and improving overall performance.
- **State Management:** Utilized Redux Toolkit for complex state management, decreasing data inconsistency issues by 30% and increasing code maintainability through the use of custom hooks for repetitive logic.
- **Collaboration:** Collaborated with design teams to translate wireframes into responsive features, speeding up development by 20%. Delivered phase one of the project, now being beta-tested by early users, setting the foundation for full rollout..
- **Project Impact:** Delivered the first phase of the project, setting the foundation for a full product rollout.

Projects

- **Digital Whiteboard** | Live Link [🔗](#) | [o Github](#) March 2024 - April 2024
 - **Technologies:** React, Javascript, Tailwind CSS, Rough.js
 - **Description:** Digital Whiteboard is an online tool featuring a pencil tool, text writing, rectangle shape, line drawing, and an infinite canvas. It also includes functionality for panning and undo/redo actions, providing a versatile platform for creative expression and visual communication.
 - **Skills Gained:** Acquired proficiency in creating and using Custom hooks and HTML canvas in react.
- **Cfstats Analyzer** | Live Link [🔗](#) | [o Github](#) January 2024 - February 2024
 - **Description:** Developed the Cfstats Analyzer to provide detailed analytics for Codeforces users.
 - **Technologies:** React, Typescript, Tailwind CSS, Axios, Recharts
 - **Achievements:** Implemented features such as tracking ratings, ranks, submissions, and contests, with a user-friendly interface including table views, bar charts, pie charts, and a calendar heatmap.
 - **Skills Gained:** Acquired proficiency in React hooks, Tailwind CSS styling, error handling for API responses, deployment using Vercel, and logo design using Figma during the development process.
 - **Impact:** The website provides Codeforces users with a centralized platform to access their analytics and track their progress effectively.

Technical Skills

Languages: C/C++, Python, HTML5/CSS3, Javascript

Developer Tools: VS Code, Android Studio

Frameworks & Libraries: ReactJS, ExpressJS, NodeJS, Tailwind CSS, Redux Toolkit, React Native

Databases: MongoDB, NeonDB

Version Control: Git/Github

Coding Profiles

Codechef [🔗](#) Best rating 1721 (3-star rated), in the top 6% of coders in India.

Codeforces [🔗](#) Best rating of 1268 (Pupil)

Leetcode [🔗](#) Best contest rating 1698, in top 13.67% of coders on Leetcode

Leadership / Extracurricular

GFG Hackathon

March 2023 - April 2023

Frontend Development Head

IIT Nagpur

- Maintained effective team communication by keeping channels open and clear, delegating tasks based on team members' strengths, managing project deadlines with a timeline and milestones, and resolving conflicts to promote a positive team atmosphere.