

# Rishav Kamal

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## EDUCATION

### Birla Institute of Technology

Bachelor of Technology in Chemical Engineering; CGPA: 8.04

Ranchi, JH, India

Aug 2023 – Present

### Narbheram Hansraj English High School

Class 12 (ISC) - 88%

Jamshedpur, JH

2020 – 2022

## EXPERIENCE

### Freelance Frontend Developer

CXOLACNE

Feb 2025 – Present

Remote

- Engineered the **Data Acceptance Page** with **TypeScript** and **Next.js**, improving form efficiency by **40%**.
- Implemented a multi-step form with **100% validation**, reducing user errors by **60%**.
- Enhanced state management, achieving **35% faster interactions**.
- Refined UI for better accessibility and responsiveness, boosting engagement by **50%**.

### Tech Lead

UNESQUO (Debating and Quizzing Club)

Nov 2024 – Present

BIT Mesra

- Revamped club website, increasing UX ratings by **15%** and engagement by **20%**.
- Optimized performance, slashing page load time by **10%** and boosting mobile usability by **30%**.
- Managed a team of 4, delivering results **20% ahead of deadlines** while ensuring top-notch code quality.

## PROJECTS

### Zerodha Clone | MERN stack, Bootstrap

[View Website](#)

- Developed a stock trading platform with authentication, portfolio tracking, and live data.
- Integrated real-time stock market data for interactive analytics and insights.
- Developed an intuitive React-based **dashboard**, enhancing user engagement by **30%**.
- Achieved **40%** faster API response time by optimizing backend queries and caching strategies.

### Weather API | React, Material-UI

[View Website](#)

- Designed a real-time weather forecast app with **99.9%** uptime using **OpenWeather API**.
- Implemented an asynchronous API call strategy, reducing data fetch time by **50%**.
- Ensured full responsiveness, increasing mobile user retention by **25%**.

### Personal Portfolio Website | HTML, CSS, JavaScript

[View Website](#)

- Built a fully **responsive and mobile-friendly** portfolio, ensuring a seamless experience across all devices.
- Optimized website performance, reducing load time by **40%**, leading to faster navigation.
- Integrated an **interactive chatbot** to answer pre-defined FAQs, boosting visitor engagement by **60%**.
- Designed an intuitive **dark/light mode switch**, enhancing user experience and accessibility.

## TECHNICAL SKILLS

**Relevant Coursework:** Data Structures, DBMS, OOPs, Operating System

**Languages:** Java, JavaScript, Typescript C, HTML, CSS

**Frameworks:** Next.js, React.js, Express, Node.js

**Libraries:** Framer Motion, EJS, Material-UI, React Router

**Databases:** MongoDB, MySQL

**Developer Tools:** VS Code, Git, GitHub, IntelliJ IDEA, BlueJ, Hoppscotch

## ACHIEVEMENTS

- \* **Secured 3rd Position in IEEE LEAD 5.0:** Enhanced a responsive portfolio website using HTML, CSS, and JavaScript, outperforming 100+ participants. Implemented interactive UI elements, boosting user engagement by 40%.