

Rohan Dev Singh

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EXPERIENCE

Fullstack Developer Intern

Mar 2025 – Present

QuantumCona

Remote, India

- Built and optimized **scalable full-stack applications** using **Next.js**, **React.js**, **TailwindCSS**, **Node.js**, and **Express.js**, ensuring **performance** and **maintainability**.
- Developed **frontend and backend** features for **multiple in-house projects**, enhancing **code efficiency** and **user experience**.
- Managed **Git-based workflows**, accelerating **team collaboration** and **production readiness**.

Frontend Developer Intern

Oct 2024 – Dec 2024

MythiaVerse

Remote, India

- Developed a **scalable design system** with **Next.js** and **Material UI**, reducing development time by **20%** and optimizing **Git workflows** to decrease merge conflicts.
- Refactored **React** components to cut page load times by **35%**, improving **Core Web Vitals** and boosting **SEO rankings by 15%**.
- Redesigned **Vrplaced.ai** with a modern, responsive interface that increased **user retention by 15%**.

ACHEIVEMENTS

Github Repo with 400+ Stars | *Covers topics mainly related to Fullstack Web Development*

Repo Link

- Developed and maintain a highly rated **fullstack web development repository** with **400+ GitHub stars**, providing comprehensive notes and curated resources to help **students and professionals**. Recognized by the community for its clarity and practical insights, with **thousands of developers** using it to accelerate their learning journey.

PROJECTS

Modern Landing Page | *Next.js, TailwindCSS, Framer Motion*

Live | GitHub

- Developed and deployed a **high-performance landing page** using **Next.js**, leveraging **server-side rendering (SSR)** for improved **SEO optimization** and faster load times.
- Implemented a **responsive layout** using **TailwindCSS**, ensuring **cross-browser** and **mobile compatibility**.
- Built **interactive UI components** with **Framer Motion**, delivering smooth animations and transitions.

E-Commerce App | *React.js, Redux, HTML, CSS*

Live | GitHub

- Architected and launched a responsive e-commerce platform utilizing **React.js**, **Redux**, and **CSS**, resulting in a **30%** decrease in average page load time and a **20%** boost in user engagement.
- Optimized **state management** with **Redux**, ensuring smooth data flow and real-time updates.
- Boosted user engagement **15%** by integrating **Stripe** payment gateway and implementing real-time shopping cart updates, allowing customers to view current basket totals and quickly checkout.

Object Detection Model - B.Tech final year project | *Python, OpenCV*

GitHub

- Developed an object detection model using **Python** and **OpenCV** for real-time video analysis.
- Optimized **image processing** techniques (edge detection, segmentation) to increase detection accuracy by **85%**.
- Implemented **deep learning** algorithms to accelerate real-time object detection by **50%**.
- Created an intuitive user interface for seamless interaction and real-time object tracking.

TECHNICAL SKILLS

Languages: JavaScript, C++, TypeScript

Technologies: Next.js, React.js, Node.js, Express.js, WebSockets, Material-UI, HTML, CSS, TailwindCSS

State Management & Libraries : Recoil, Redux, Zod, bcrypt.js, JWT,

Developer Tools: Git & GitHub, Postman, VS Code, Cursor.ai

Databases & ORMs: MongoDB (NoSQL), Mongoose, Postgres (SQL), Prisma

Designing: Figma, Canva

EDUCATION

Bengal College Of Engineering & Technology

Durgapur

Bachelor of Technology in Computer Science & Engineering, 8.73 CGPA

Aug. 2020 – Jun 2024