# RISHABH MEHROTRA

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PORTFOLIO

Mau, Uttar Pradesh

## Summary

Full-stack software engineer with hands-on MERN stack experience, skilled in building scalable, high-performance web applications. Proven track record in optimizing systems, reducing code redundancy, and leading cross-functional teams to deliver user-centric solutions. Quick to learn, agile in execution, and focused on writing clean, maintainable code.

#### Education

### Krishna Institute of Engineering and Technology, Ghaziabad (AKTU)

2020 - 2024

Bachelor of Technology in Electrical and Electronics Engineering

## **Skills**

Programming Languages: JavaScript, Python

Frameworks and Technologies: React.js, Node.js, Express.js, MongoDB, REST APIs

Development Tools: Git, Docker, Redux, Postman

Computer Science Fundamentals: Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Systems

Soft Skills: Problem-solving, Critical thinking, Teamwork and Collaboration, Time Management

## **Experience**

CShare | Software Developer Intern

February 2025 -- June 2025

- Developed scalable CRM modules for multi-client environments, improving data flow and frontend performance by 25%.
- Architected a dynamic data visualization system that accelerated client reporting efficiency by 30%.
- Engineered a **real-time geo-tracking system** using Google Maps **API**, increasing accuracy by **40%** for employee tracking.
- Cut API response times on high-traffic endpoints by 20% through strategic backend integration.

Innovaccer | Software Engineer Intern

**August 2024 -- November 2024** 

- Engineered a clinical dashboard for 5,000+ patient records, increasing healthcare staff efficiency by 30%.
- Sped up development cycles by engineering 8+ modular UI components that cut code duplication by 20%.
- Reduced load times by 15% using lazy loading and Redux optimization, improving user retention.
- Boosted API response speed by 30% using caching, improving real-time data access by 20%.

#### **Projects**

## SensAl (Next.js, Tailwind CSS, ShadCN, Prisma, GeminiAPI) Live

November 2024 -- February 2025

- Built a full-stack Al platform which reduces resume creation time by 40% and increases interview callback rates.
- Developed an Al-powered resume builder with 95% ATS compliance, dynamically tailoring resumes to job descriptions.
- Integrated weekly-updated **market insights dashboard** via APIs and cron jobs, delivering real-time data on salaries, top skills, and hiring trends for **1000+ roles**.
- Engineered an Al mock interview system with performance tracking and feedback, improved user preparation by 45%.

#### ThriftShop (React.js, Node.js, Express, Redux, Material-UI, MongoDB) Live

May 2024 -- August 2024 .

- Built a single-page **e-commerce platform** that simulates the real world shopping experience.
- Designed responsive UI for smooth user experience across devices, improving usability and engagement.
- Reduced page load times by 1.2 seconds, through code-splitting and lazy loading, boosting user satisfaction by 15%.

## **Achievements**

- Solved 500+ Data Structures and Algorithms problems on LeetCode and HackerRank.
- LeetCode weekly contest 261: Achieved Global Rank 921 (top 6%) out of 14856 participants.
- Top 5 out of 100 teams in CodeClash'23 for developing a machine learning-based medicine recommender system.

# Certifications

The Complete 2024 Web Development Bootcamp - Udemy

Advanced Software Engineering -- Walmart

Frontend Developer (React) -- HackerRank