

# SHUBH MEHROTRA

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## Education

**VIT Bhopal University**

*B.Tech (Computer Science & Engineering)*

Aug 2022 – Present

CGPA: 8.76/10

## Technical Skills

**Languages:** Java, JavaScript, TypeScript, HTML, CSS, SQL

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, Spring Boot, Flutter

**Tools:** Git, Figma, GSAP, Tailwind CSS, Artificial Intelligence and Machine Learning tools

**Core Concepts:** Data Structures & Algorithms, Object Oriented Programming, DBMS.

## Experience

**FutureSmart AI**

Feb 2025 – Apr 2025

*Frontend Developer Intern*

- Implemented engaging custom animations and interactive components, which enhanced page engagement and contributed to a significant boost in client inquiries and conversions.
- Managed project workflows within Notion, tracking over 15 software development deliverables and supporting team alignment, leading to a 98% on-time module delivery rate.

**Center for Railway Information Systems (CRIS)**

Oct 2024 – Nov 2024

*Trainee Intern*

- Engineered a responsive and intuitive UI with **Flutter**, implementing user login flows and robust error handling mechanisms for improved usability and reliability.
- Integrated the front-end with **Spring Boot** REST APIs for real-time authentication, utilized dependency injection patterns, and managed backend responses securely with proper validation.

## Technical Projects

**ResuRate - AI Resume Analysis Platform — GitHub**

Sep 2025

- Developed an intelligent resume evaluation platform optimizing profiles for **ATS systems**, delivering instant **AI-powered feedback** and comprehensive compatibility scores for job seekers.
- Created **multi-dimensional scoring algorithms** using NLP and ML techniques for comprehensive content assessment with real-time feedback and actionable improvement suggestions.

**Shubh.UI Component Library — GitHub**

Feb 2024

- Constructed **20+ reusable components** using **Next.js** and **TypeScript** for efficient front-end development with consistent design patterns and maintainable code architecture.
- Integrated **GSAP animations** and implemented smooth scrolling effects with optimized rendering techniques, improving overall application performance by **25%** and user experience.

## Achievements & Leadership

- **Founder, UX Club VIT Bhopal:** Led a vibrant 90+ member community, organizing 6+ design workshops, guest sessions, and collaborative design sprints to foster interest in UX and product thinking.
- **Technical Co-Lead, Google Developer Group (GDG):** Mentored 160+ students, planned and conducted web development and coding workshops, guided project showcases, and helped students enhance their GitHub portfolios.
- **Founder, AgencySynapse:** Managed and delivered 5+ web apps and 12+ design projects for startups and campus teams, leading all phases from requirements to deployment and ensuring high client satisfaction.
- **Hackathons:** 1st Runner-Up at Cisco Hackathon for an automation project; Winner in 2 College-level design competitions for innovative UI/UX solutions.
- **Competitive Programming:** Achieved LeetCode rating 1600+, Codeforces 1250+ (pupil), and regularly compete in national and university-level contests.

## Additional

**Interests:** Tech Content Creation, Gaming, Singing and Cooking

**Languages:** English (Fluent), Hindi (Native)