SHUBH MEHROTRA

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Education

VIT Bhopal University   Aug 2022 – Present
B.Tech (Computer Science & Engineering)   *CGPA: 8.76/10*

Technical Skills

Languages: Java, JavaScript, TypeScript, HTML, CSS, SQL with extensive experience in object-oriented programming and web development.

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, Spring Boot, Flutter for full-stack development solutions.

Tools: Git, Figma, GSAP, Tailwind CSS, Artificial Intelligence and Machine Learning tools for modern development workflows.

Core Concepts: Data Structures & Algorithms, Object Oriented Programming, DBMS with strong foundation in software engineering principles.

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 90+ member community; organized 6+ design workshops.
- **Technical Co-Lead, GDG:** Mentored 160+ students; conducted web dev & coding workshops.
- **Founder, AgencySynapse:** Delivered 5+ web apps and 12+ design projects.
- **Hackathons:** 1st Runner-Up, Cisco Hackathon; 2× Design Competition Winner.
- **Competitive Programming:** LeetCode 1560+, Codeforces 1256+.

Additional

Interests: Competitive Coding, UI/UX Design, Tech Content Creation, Gaming

Languages: English (Fluent), Hindi (Native)