Anubhav Singh

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EDUCATION

Indian Institute of Information Technology, Ranchi *July 2022 – May 2026*
Bachelor of Technology in Computer Science and Engineering CGPA: 7.73/10.0

- Specialization: Data Science and Artificial Intelligence
- Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Software Engineering, Object-Oriented Programming

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, TypeScript, Python, SQL, HTML5, CSS3
Web Technologies: React.js, Next.js, Node.js, RESTful APIs, Responsive Web Design
Frameworks and Libraries: Tailwind CSS, Shadcn UI, React Hook Form, Zod, Recharts, Radix UI
Developer Tools: Git, GitHub, VS Code, Cursor AI, Vercel, Render, Figma, Adobe XD
Databases: MySQL, LocalStorage
Design Tools: Figma, Adobe XD, Canva, Power BI
Core Competencies: Data Structures and Algorithms, Object-Oriented Programming, Software Development Life Cycle, Web Optimization, Client-Side State Management

PROJECTS

FinWell- financial-Personal Finance Dashboard ⏻ 🔗 *Dec 2025*
React 18, TypeScript, Tailwind CSS, shadcn/ui, Recharts, Supabase

- Built a high-performance personal finance dashboard using React 18 and TypeScript, featuring real-time data visualization with Recharts to track spending trends and investment growth
- Implemented secure user authentication and Row-Level Security (RLS) via Supabase, ensuring 100% data isolation and persistent session management for sensitive financial records
- Developed an interactive "What-If" investment calculator and a unique CSS-filter-based Privacy Mode that optimized data-interpretation speed while ensuring secure public viewing
- Optimized application state and performance using React Query for efficient data fetching, resulting in a seamless experience across mobile and desktop devices

Med-Bridge – Healthcare Management Platform ⏻ 🔗 *November 2025*
Next.js 16, React 19, TypeScript, Tailwind CSS, Zod, Recharts

- Developed a secure, full-stack healthcare management platform using Next.js 16, React 19, and TypeScript with 100% type safety and optimized SEO performance
- Designed and implemented responsive dual-role interfaces for patients and doctors, reducing appointment setup time by 30% through streamlined scheduling workflows
- Implemented client-side form validation using React Hook Form and Zod schema validation, achieving 99% reduction in form submission errors and ensuring data integrity
- Built an interactive analytics dashboard with Recharts and Radix UI components to visualize healthcare metrics and support data-driven decision-making

Study-Sync – E-Learning Landing Page ⏻ 🔗 *January 2025*
HTML5, CSS3, CSS Variables, Responsive Design, Web Optimization

- Designed and developed a promotional e-learning landing page achieving 95+ Google Lighthouse score for performance, accessibility, and SEO
- Implemented component-based UI architecture using CSS Variables for scalable theme management, reducing style modification time by 50%
- Ensured cross-browser compatibility and mobile responsiveness across all major devices and screen sizes
- Optimized page load time to under 2 seconds through image compression, CSS optimization, and efficient HTML structure

ACHIEVEMENTS

- Solved 150+ data structures and algorithms problems on LeetCode and CodeChef, demonstrating strong problem-solving skills
- Organized 10+ technical events and workshops at IIIT Ranchi, including coding competitions and hackathons
- Mentored 20+ junior students in competitive programming and web development fundamentals

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- **Head, Kriti Art and Craft Club:** Led artistic initiatives, managed workshop logistics for college festivals, and coordinated team of 15+ members
- **Content Head, Photography Club:** Directed content strategy, curated visual media for official college social media handles with 5000+ followers