Anuj Madhoria

Results-driven Computer Science undergraduate
specializing in full-stack development at MANIT-Bhopal.

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EDUCATION

•Maulana Azad National Institute of Technology, Bhopal *Expected May 2026*

Bachelor of Technology, Computer Science and Engineering

•Kendriya Vidyalaya No. 2 *2021*

Class 12th (CBSE) - Percentage: 81%

•Kendriya Vidyalaya No. 2 *2019*

Class 10th (CBSE) - Percentage: 76%

TECHNICAL SKILLS

Programming Languages: C++, C, Python
Web Development: HTML5, CSS3, TailWind CSS, ReactJS, ExpressJS, MongoDB, RESTful APIs
UI/UX Design: Figma, Framer, Wireframing, Prototyping, User Research
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems
Areas of Expertise: Full-Stack Web Development, Responsive Design, User Experience Optimization

SOFTWARE DEVELOPMENT PROJECTS

•FeedFlow - Social Media Platform

Full-Stack Web Application

– Engineered a secure authentication system implementing JWT tokens and bcrypt password hashing for user account management
– Developed RESTful APIs using Express.js and Node.js to facilitate CRUD operations on user posts and profiles
– Implemented data associations between users and posts using MongoDB's document-oriented database structure
– Designed an intuitive user interface with Tailwind CSS enabling seamless content creation, editing, and deletion
– Integrated cookie-based authentication to maintain persistent user sessions and enhance security measures
– Technologies utilized: HTML5, CSS3, JavaScript, EJS templating, Express.js, Node.js, MongoDB, JWT, bcrypt

•CodePen Clone

Frontend Web Application

– Architected a real-time code editing platform using React.js that simultaneously renders HTML, CSS, and JavaScript
– Optimized state management to provide instantaneous preview updates without compromising application performance
– Designed a responsive layout ensuring consistent functionality across desktop, tablet, and mobile devices
– Implemented efficient DOM manipulation techniques to minimize rendering cycles and maximize application speed

•RepEat - Fruit Grocery E-Commerce Application

UI/UX Design Project

– Conducted comprehensive user research to identify key pain points in existing grocery shopping applications
– Created high-fidelity wireframes and interactive prototypes utilizing Figma's advanced design components
– Implemented accessibility best practices ensuring WCAG compliance and intuitive navigation patterns
– Developed a comprehensive design system including color schemes, typography, and reusable UI components
– Produced detailed case studies documenting the entire design process from ideation through usability testing

CODING PROFICIENCY

⭕ LeetCode: anujmadhoria *(Successfully solved **150+ algorithmic challenges** focusing on data structures, dynamic programming, and graph algorithms)*

AWARDS & ACHIEVEMENTS

•First Place Winner, BIS National Hackathon

Bureau of Indian Standards (Government of India) *2024-25*

– Led UI/UX design strategy while collaborating with cross-functional team members to develop an award-winning solution
– Engineered responsive frontend components utilizing modern JavaScript frameworks ensuring cross-browser compatibility
– Implemented accessibility standards and optimized user flows resulting in exceptional usability metrics and judge commendation