Anmol Singh

anmolsinghtron123@gmail.com | LinkedIn | GitHub | 8736035579

Skills

Technical Skills: C++, HTML, CSS, JavaScript, React, Node.js, SQL, Git/GitHub, Selenium WebDriver, Java, Jenkins

Technologies/Frameworks: MongoDB, Express.js, React, Node.js, HTML, CSS, Next.js

Data Visualization: Matplotlib, Seaborn

Developer Tools: Jupyter Notebook/Lab, VS Code, GitHub

Soft Skills: Complex Problem Analysis, Strategic Decision Making, Effective Communication, Leadership

Education

Bachelors of Technology in Computer Science Engineering — 2022-2026
VIT Bhopal University – Sehore, Madhya Pradesh — 7.5 CGPA

Class 12th - CBG Inter College of Science (UP Board) — 2022
Prayagraj, Uttar Pradesh — Percentage: 67.0%

Class 10th - Shakun Vidyan Niketan (CBSE Board) — 2020
Naini, Prayagraj — Percentage: 88.5%

Projects

Messenger | MERN, Socket.io, TailwindCSS, JWT, Zustand

- Developed a real-time chat application using MERN stack, Socket.io, and TailwindCSS, ensuring seamless user experience.
- Implemented JWT authentication & authorization, securing user data and enabling protected routes.
- Integrated Zustand for global state management, optimizing performance and reducing unnecessary re-renders.
- Handled error management on both client and server-side, improving application stability and debugging efficiency.

Brain Bot | React.js, TailwindCSS, Vite, Git

- Developed a modern UI/UX website using React.js and Tailwind CSS, incorporating the latest design trends like bento grids and parallax animations.
- Implemented sleek and interactive sections, including hero, services, roadmap, and pricing.
- Optimized responsiveness and accessibility, ensuring seamless performance across all devices.
- Set up the project using Vite, npm, and Git, following a structured code architecture for reusability and scalability.

3D Portfolio | React Three Fiber, Drei, Vercel, GitHub

- Designed and developed an interactive 3D portfolio website using React Three Fiber (3.js).
- Integrated 3D models and responsive layouts using drei helpers, lights, and orbit controls.
- Optimized performance by leveraging suspense fallback, lazy loading, and minimal polygon assets.
- Deployed the portfolio using Vercel, ensuring continuous deployment with GitHub integration.

Certifications and Achievements

- IBM AI Engineering Professional Certificate (Coursera)
- Complete Web Development Bootcamp by Angela Yu (Udemy)
- Cloud Computing course (NPTEL)
- Solved 500+ problems across platforms like LeetCode, GeeksforGeeks, and CodeChef
- Cleared the first round of Smart India Hackathon (SIH)