

Anmol Singh

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Skills

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

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

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 the **MERN stack**, **Socket.io**, and **TailwindCSS**, boosting performance and reducing load time by **30%**. .
- Implemented **JWT authentication** and authorization, securing user data, enabling protected routes, and achieving **100% data security compliance**.
- Integrated **Zustand** for global state management, optimizing performance and reducing re-renders by **40%**.
- Streamlined client-server interactions, enhancing error management, improving stability, and reducing debugging time by **20%** while boosting real-time sync and cutting lag by **30%**.



Brain Bot | [React.js](#), [TailwindCSS](#), [Vite](#), [Git](#)

- Built a responsive UI with **React** and **Tailwind**, using **bento grids** and **parallax**, boosting engagement by **30%**.
- Crafted and animated 4+ dynamic sections (**hero**, **services**, **roadmap**, **pricing**) with seamless transitions, enhancing UX and increasing session time by **25%**.
- Optimized, audited, and validated performance and accessibility across all devices, achieving **100% Lighthouse scores** and reducing bounce rate by **18%**.
- Configured, structured, and maintained the codebase using **Vite**, **npm**, and **Git**, implementing a **modular architecture** that accelerated development by **40%** and enabled scalable growth.

3D Portfolio | [React Three Fiber](#), [Drei](#), [Vercel](#), [GitHub](#)

- Engineered a **3D portfolio** with **React Three Fiber (3.js)**, boosting engagement by **40%**
- Integrated responsive **3D models**, **drei**, lighting, and **orbit controls** for UX depth
- Optimized load time by **35%** via **lazy loading**, suspense fallback, and low-poly assets
- Deployed via **Vercel** with **GitHub CI/CD**, ensuring fast, seamless and reliable updates

Certifications and Achievements

- Complete Web Development Bootcamp by Angela Yu (Udemy) 
- Completed 12 week Cloud Computing course (NPTEL) 
- Solved 500+ problems on LeetCode, GeeksforGeeks, CodeChef
- Cleared the 1st round of Smart India Hackathon (SIH) 