

# 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

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

<b>Class 12th - CBG Inter College of Science (UP Board)</b>	2022
Hardoi, Uttar Pradesh	Percentage: 67.0%

<b>Class 10th - Shakun Vidyan Niketan (CBSE Board)</b>	2020
Naini, Prayagraj	Percentage: 88.5%

## Experience

<b>Venturloop</b>	2025 (May)–Present
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- Built and maintained 8+ admin dashboard pages using **React.js**, **TailwindCSS**, and **React Router**.
- Integrated 10+ reusable components (**Table**, **Modal**, **FullProfileView**) for CRUD operations on user data.
- Implemented data fetching and caching with **React Query** and **Axios**, improving API efficiency by ~30%.
- Developed features for banner uploads and Founder Pass pricing updates using dynamic **UI components**.

## 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%**.

**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) 