Vinay Chhabra

Bachelor of Technology
Computer Science
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., Computer Science	Anand Engineering College, Agra, Uttar Pradesh, India	7.6	2021 – Present
Senior Secondary	St Andrews Senior Secondary School, Agra, Uttar Pradesh, India	75%	2019 – 2021

EXPERIENCE

- **Microsoft** *Sep 2023 – Jul 2024*
  Microsoft Learn Student Ambassador Remote
  ○ Engaged in **collaborative** learning initiatives focusing on **Machine Learning**, **AI**, and **Cloud Computing**.
  ○ Deployed a personal portfolio template as part of the MLSA program using **JavaScript**, **React.js**, **GitHub Copilot**, and **GitHub Codespaces** on **Microsoft Azure Static Web Apps**.

- **Coding Ninjas** *May 2023 – Sep 2023*
  Campus Ambassador Remote
  ○ **Led** and **organized** high-impact events, including **hackathons** and webinars, to foster collaboration, innovation, and technical skill-building among students.
  ○ Strengthened coding proficiency through workshops on **algorithms**, **data structures**, and **problem-solving**.

PROJECTS

- **Cancure AI: AI-Powered Personalized Cancer Treatment Care Platform** *Sep 2024 - Oct 2024*
  Tools: React.js, Tailwind CSS, Gemini API, NeonDB, Clerk, Vite, Vercel [⊙]
  ○ Developed **Cancure AI** using **React.js**, a robust AI-powered personalized cancer treatment care platform designed to streamline patient record management, perform in-depth analysis, and deliver tailored cancer treatment plans, enhancing operational efficiency and user experience.
  ○ Implemented **React Context** for state management, **Clerk** for secure authentication, and **NeonDB** (**PostgreSQL**) for scalable database management. Optimized performance using **useCallback**, **useMemo** and **Gemini API** for personalized recommendations.

- **Hirrd: Job Portal with Real-Time Application Tracking** *Oct 2024 - Nov 2024*
  Tools: React.js, Tailwind CSS, Shadcn UI, Supabase, Clerk, React Hook Form, Zod, Vite, Vercel [⊙]
  ○ Developed **Job Portal** using **React.js**, a platform for job applications and real-time status tracking, enabling users to apply, track, and recruiters to manage postings and update statuses.
  ○ Implemented **Clerk** for secure authentication, **Supabase (PostgreSQL)** for database management, and optimized form handling with **React Hook Form** and **Zod Validation** for schema validation.

- **Sorting Visualizer: Interactive Sorting Algorithm Animations** *Oct 2024 - Nov 2024*
  Tools: Next.js, Typescript, Tailwind CSS, Vercel [⊙]
  ○ Developed a **Sorting Visualizer** using **Next.js and Typescript**, featuring algorithms like **Bubble Sort**, **Quick Sort**, **Merge Sort**, **Insertion Sort**, and **Selection Sort** to demonstrate real-time sorting.

TECHNICAL SKILLS

- **CS Fundamentals**: Data Structures, Algorithms, DBMS, Computer Networks, Operating System, OOP.
- **Programming Languages**: C, C++, JavaScript, TypeScript.
- **Frameworks & Technologies**: HTML5, CSS3, Tailwind CSS, React.js, Next.js, Redux, Node.js, ORM.
- **Clouds & Database Technologies**: AWS, MySQL, PostgreSQL, MongoDB, Firestore Cloud.
- **Developer Tools**: Jest, Docker, Cypress, Git, GitHub, Drizzle, Zod Validation, Clerk, Postman, Linux.

ACHIEVEMENTS

- Qualified **GATE 2024** in the 3rd year of undergraduate studies.
- Achieved 800 Global Rank out of 25,000 participants in **CodeChef** Contest.
- Achieved 900+ **Commits** and 950+ **Contributions** on GitHub.
- Two-time winner in **Technical Byte Community** DSA Interschool Competition.

PROFILES

- **Github** | **HackerRank** | **GeeksforGeeks** | **LeetCode** | **CodeChef**

CERTIFICATIONS

- **Microsoft** | **JavaScript** | **ProblemSolving** | **SQL** | **CSS**