Abhinav Anand

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Education

B.Tech in Computer Science | VIT Bhopal University, Bhopal	**CGPA: 9.01 | 2026**
12th Standard - CBSE | Ramjas International School, Delhi	**Percentage: 94.6% | 2021**

Technical Skills

Programming Languages: C++, Python, JavaScript
Frontend Technologies: HTML, CSS, ReactJS, Tailwind CSS
Backend Technologies: Node.js, Express.js
Databases: MySQL, MongoDB
Tools: Git, Vercel, Figma
Soft Skills: Cross-functional collaboration, Grit, Technical communication, User-centric design

Certifications and Achievements

Data Science with Python – Industrial Certification by IamNeo
Full Stack Web Development with MERN Stack – SmartBridge
MongoDB Node.js Developer Certification – MongoDB University
Machine Learning Specialization – DeepLearning.AI, Coursera
Secured 75th global rank in HackTheBox Cyber Apocalypse CTF

Projects

CollabSphere | ReactJS, CSS, JavaScript, MongoDB, Node.js, Passport.js | GitHub   **2024**

- Led the frontend development of a student collaboration platform, resulting in faster team-forming process compared to traditional outreach methods.
- Engineered over 15 reusable, responsive UI components using ReactJS and CSS, ensuring seamless cross-device compatibility.
- Engineered RESTful APIs using Node.js and Express, facilitating secure user authentication, profile management, and team formation and reducing server response time.
- Streamlined user flows with conditional rendering and optimized routing, reducing bounce rate during onboarding by 30%.
- Facilitated real-time feedback testing and deployed updates based on user input from 50+ internal users at VIT Bhopal.
- Achieved 120+ project listings within the first two weeks of internal testing.

NoteNest | Next.js, Tailwind CSS, Convex, Clerk Authentication | GitHub   **2023**

- Built a full-stack note-taking application supporting markdown, media uploads, and public publishing; reached 100+ notes created in internal testing phase.
- Developed a responsive UI using Tailwind CSS and Next.js, achieving great performance and accessibility across multiple devices.
- Implemented Clerk Authentication with JWT-based secure routing, reducing unauthorized access attempts to 0 during testing.
- Enabled rich-text editing using Tiptap with support for headings, links, images, and code blocks, improving engagement by 40%.
- Integrated Convex for real-time syncing and ensured consistent sub-300ms latency for all note-saving operations.

Co-Curricular

Event Management Team Member - Freelancing Club   **2024**

- Coordinated the Freelance Arena event, ensuring smooth execution and strong engagement.