Sahil Bajaj

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SUMMARY

A passionate and driven Bachelor of Computer Applications (BCA) student at IME College. I'm on a mission to become a skilled full-stack MERN developer and am currently learning MongoDB, Express.js, React.js, and Node.js, alongside mastering Python and JavaScript with a focus on building complete, real-world applications.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript
Frameworks/Technologies: Node.js, React.js, Next.js, HTML, CSS, Firebase
Tools: VS Code, Git, GitHub
Concepts: Data Structures & Algorithms, OOP, DBMS, Operating Systems

EDUCATION

Bachelors in Computer Applications   *09/2024* – Present
Institute of Management Education   *India*

PROJECTS

Ai-ChatBot ⬈ | *React, JavaScript, Local Storage*
- Built a smart voice assistant with Hinglish speech recognition and AI-powered responses.
- Enabled commands for opening websites, telling time/date, and casual conversations.
- Integrated Firebase to store chat history and React Context API for global state.
- Added features like in-app chat, music popup, and game center with mini-games.

IME College website ⬈ | *React, Node.js, JavaScript,*
- Designed and developed a responsive single-page website using React.js.
- Implemented smooth navigation using React Router for different sections.
- Showcased college info, departments, contact details, and dynamic pages.
- Focused on clean UI/UX, performance optimization, and mobile responsiveness.

ACHIEVEMENTS

Winner – Bharat Shiksha Expo   *04/2025*
- Recognized for best innovation and social impact with AI companion project built using React, Vite and Firebase.

2nd runner- Inmantec Institute   *03/2025*
- Recognized for best innovation and social impact with AI companion project built using React, Vite and Firebase.