Sahiljeet Singh Kalsi

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Technical Skills

- **Front-end development:** Proficient in HTML, CSS, JavaScript, and React.js for building responsive and user-friendly web interfaces. Currently learning Three.js to enhance skills in 3D graphics and interactive visualizations.
- **Back-end development:** Skilled in using Node.js and Express to develop server-side applications and REST APIs for seamless data exchange.
- **Databases:** Experienced in working with both SQL and NoSQL databases, including PostgreSQL and MongoDB, for effective data storage and retrieval.
- **Other languages:** Knowledge of C and C++ for understanding data structures, and Python for general-purpose programming and scripting.

Interests

Web Development, Artificial Intelligence, Web3, Script Writing, Content Writing

Projects

CipherSprint - Typing Speed Test Website (React, Firebase, TailwindCSS)

- Built a typing speed test platform with React.js and Firebase, featuring real-time word-per-minute calculations, performance graphs, and user-specific stat tracking. Integrated TailwindCSS for responsive design and MUI for enhanced UI components like comparison modals and notifications.
- Added theme customization options, stored in local storage, with dynamic headers and toast notifications based on user activity and time of day, ensuring a secure, personalized, and engaging experience.

Saffron Stories - Blog Platform (React.js, Firebase, TailwindCSS)

- Developed a blog platform that supports creating, reading, updating, and deleting blogs, with real-time updates and secure login powered by Firebase. Designed an intuitive UI using React.js and TailwindCSS, including day/night modes for optimal user comfort.
- Focused on seamless user experience, combining creativity with functionality to cater to writers and readers, making it a dynamic space for sharing and exploring content.\

Cosmic Music - Android Music Player App (Kotlin)

- Created a fully functional music player app in Kotlin using Android Studio, offering playlist creation, song queue management, favourite songs, and background playback. Designed intuitive light/dark themes for personalized user experiences.
- Implemented essential media controls like play, pause, next, and shuffle, ensuring smooth performance and efficient navigation for music enthusiasts.

Educational Qualification

Guru Gobind Singh Indraprastha University (Don Bosco Institute of Technology)

- Bachelor of Computer Application (2022-2025)
- CGPA 9.01/10; Under Top 10 students in the college, 50rd rank in university

Air Force Senior Secondary School

- 12th Grade (PCM with Computer Science)

Leadership and Activities

- **Class Representative (2023 - Present):**
  Represent class in meetings and coordinate academic activities.
- **Playwriting and directing:**
  Wrote and directed plays to raise environmental awareness.
- **Master of Ceremony & Event Team Member (IT rang Fest):**
  Led as MC and contributed to event organization.
- **Rotaract Club Member:**
  Organized a blood donation camp and distributed essentials to underprivileged children.
- **Hackathon (IIITD):**
  Built backend using Node.js, Express, MongoDB, and JWT.