Sahiljeet Singh Kalsi

New Delhi | +919810769812 | sahiljeetsinghkalsi@gmail.com| LinkedIn | GitHub | Portfolio

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Technical Proficiencies

- **Front-end Development:** Proficient in HTML, CSS, JavaScript, React.js. Currently learning Three.js for interactive 3D visualizations.
- **Back-end Development:** Skilled in Node.js and Express.js for server-side development and REST API integration.
- **Databases:** Experienced with PostgreSQL (SQL) and MongoDB (NoSQL).
- **Other Languages**: Knowledge of Python for scripting and general-purpose programming; C and C++ for understanding data structures.
- **Tools & Frameworks:** Firebase, TailwindCSS, MUI, Android Studio, Git.

Interests

Web Development, Artificial Intelligence, Web3, 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-perminute 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)
– Ranked among the top 10 students in the college; 50th rank in the university with the CGPA 9.01

Air Force Senior Secondary School

– 12th Grade (PCM with Computer Science)

Leadership and Activities

– **Class Representative (2023 - Present):** Represented the class in academic meetings and coordinated activities.
– **Playwriting and Directing:** Wrote and directed plays on environmental awareness, showcasing creativity and communication skills.
– **Master of Ceremony & Event Team Member (IT Rang Fest):** Hosted events and contributed to organizing a successful IT Fest.
– **Rotaract Club Member:** Organized a blood donation camp and distributed essentials to underprivileged children.
– **Hackathon (IIITD):** Developed a secure backend system using Node.js, Express.js, MongoDB, and JWT, contributing to the event's success.