

# Sachin Kumar

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in sachin-kumar-90884117a    📄 SKSingh0703

## Skills

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- **Languages:** Java, JavaScript
- **Web Technologies:** HTML, CSS
- **Frameworks and Libraries:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS
- **Developer Tools:** VS Code, Git, GitHub
- **Databases:** SQL, MongoDB

## Education

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- **Birla Institute of Technology, Mesra** — Computer Engineering *CGPA: 9.04 | 2023–2027*
- **JEE MAIN—AIR: 2440** *99.79% | 2023*
- **XII (CBSE)-Valley View School** *91.8% | 2022*
- **X (CBSE)-Valley View School** *93.2% | 2020*

## Academic Projects

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### EstateConnect

[EstateConnect-repo](#) 📄

- Developed EstateConnect, a property management platform with secure **Google OAuth** authentication, using **JSON Web Tokens** for security, and integrated user profile management features.
- Implemented secure CRUD operations for property listings with **MongoDB**, enabling image uploads using **Firebase**, and incorporated a dynamic image slider along with an advanced search feature supporting query-based filtering and sorting.
- **Tools Used:** JavaScript, Firebase, Tailwind CSS, JSON Web Tokens, MERN Stack

### ConferPoint

[Conferpoint-repo](#) 📄

- Engineered a robust video conferencing platform ,utilized **WebRTC** for low-latency, peer-to-peer video and audio communication, ensuring optimal performance and security
- Leveraged **Socket.IO** for real-time, bidirectional communication, enabling instant messaging during video calls.
- **Tools Used:** WebRTC, , Socket.IO, Material-UI, JWT, Axios, Render, bcrypt, CSS,MERN Stack

### Portfolio

[Portfolio-repo](#) 📄

- The platform is **fully responsive** using **Tailwind CSS** and features a **dynamic Admin Panel** for managing portfolio content, with **Redux Toolkit** handling state management.
- **Tools Used:** Redux Toolkit, Tailwind CSS, Lottie, JavaScript,MERN Stack

## Achievements

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- **LeetCode:** Max Rating - 1722 (Top 9.83%) — 500+ Problems Solved | Handle: [SkSingh0703](#) 📄
- **CodeChef:** 3-Star Coder — Max Rating - 1698 | Handle: [sksingh0703](#)
- **Top-3 in Cicada-CTF 3.0** A Capture The Flag event organized by IEEE Student Branch-BIT Mesra

## Position of Responsibility

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- **Tech Lead — IEEE Club, BIT Mesra** *2024–Present*  
Organized and led Java workshops, teaching core Java programming to college students, and conducted sessions on web development topics for an audience of 300+ students.