SACHIN K S

+91 6362585378 | sachin17.ks@gmail.com

 LinkedIn   GitHub   Portfolio

PROFESSIONAL SUMMARY

Passionate **Full Stack Developer** with strong expertise in the **MERN stack**. Proven ability to build scalable, real-time web applications using modern technologies like **WebRTC** and **Socket.io**. Seeking a challenging role to leverage skills in software architecture, API design, and efficient problem-solving to deliver high-impact solutions.

EDUCATION

- **Navkis College of Engineering** — *2022 – 2026*
  B.E. in Computer Science (CGPA: 8.01) — Hassan, India
- **Sujala PU College** — *2020 – 2022*
  Pre-University Education – 85% — Hassan, India

EXPERIENCE

- **Java Full Stack Intern (Virtual)** — *Dec 2025 – Present*
  Infosys Springboard — Bangalore, India
  - Mastering **Java** backend concepts and **SDLC** methodologies through 50+ hours of structured virtual learning modules.
  - Developing a **"Task Tracking Application"** implementing CRUD operations, reducing task management redundancy by **40%**.

- **Web Development Intern** — *Oct 2025 – Dec 2025*
  Elevate Labs — Remote
  - Spearheaded the development of a feature-rich **Zoom App** clone, enabling seamless peer-to-peer communication for **50+ concurrent users**.
  - Optimized **WebRTC** streams to achieve **sub-200ms latency** for real-time video, enhancing user experience significantly.
  - Designed a responsive **React.js** interface, increasing mobile user engagement by **25%** through intuitive UI/UX improvements.

PROJECTS

- **Zoom App (Video Conferencing System)** ↗ — *Oct 2025*
  Tools: [WebRTC, Socket.io, React.js, Node.js, MongoDB]
  - Engineered a scalable video conferencing platform supporting multi-user rooms with seamless audio/video synchronization.
  - Deployed a robust **Node.js** signaling server using **Socket.io** to handle **100%** of real-time connection requests efficiently.
  - Integrated **MongoDB** to persist user profiles and meeting logs, ensuring data integrity and quick retrieval speeds.

- **Wanderlust (Travel Marketplace)** ↗ — *Aug 2025*
  Tools: [Express.js, MongoDB, EJS, Bootstrap]
  - Architected a full-stack rental marketplace (Airbnb style) supporting full **CRUD operations** for over 100+ property listings.
  - Implemented a robust **MVC architecture** that streamlined data flow, reducing server response time by **30%**.
  - Secured user data with advanced authentication flows, ensuring **100%** protection for host and traveler sensitive information.

- **Zerodha Clone (Stock Trading Platform)** ↗ — *Dec 2025*
  Tools: [React.js, Node.js, MongoDB, JWT]
  - Constructed a stock trading dashboard featuring secure **User Authentication** and role-based access control for enhanced security.
  - Developed a dynamic **Dashboard** and **Orders Page** capable of visualizing real-time portfolio updates with **zero lag**.
  - Implemented **JWT authentication** strategies to manage user sessions, preventing unauthorized access to financial data.

SKILLS

- **Languages:** Java, JavaScript (ES6+), C, HTML5, CSS3
- **Frontend:** React.js, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, WebRTC, Socket.io
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Vercel, Render

CERTIFICATIONS

- **Infosys Springboard Core Java Certification** — *Dec 2025*

- **Apna College MERN Stack Development Certificate**