

Sachin

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Education

NSIT (Netaji Subhas Institute of Technology, Delhi)

2019-2023

Bachelor of Technology in Electronics and Communication Engineering

New Delhi

Sahoday Senior Secondary School)

2018

Class 12th

New Delhi

Experience

FleetRF Pvt. Ltd.

April 2024 – Present

Software Engineer

Noida

- Worked on various projects using various technologies like Javascript, Typescript, Node.js, Python etc.
- Learned and used various tools like Docker, Ubuntu, Redis, RabbitMQ. Worked with google maps JS API and MavSdk python library.
- Learned various concepts like Database, Networking and Operating Systems.

Mudrika AI Tech. Pvt. Ltd.

July 2023 – March 2024

SDE Intern

New Delhi

- Implemented backend features like search and authentication in Django Rest Framework.
- Made several UI components in React.js and Next.js. Also Implemented frontend logic for them.
- Studied the already running projects and gave feedback to improve and optimize certain features.

Projects

MyChat- A video chat and screen sharing web app | WebRTC, Socket.IO, React.js, Express.js, Node.js

- Developed a real-time communication platform enabling peer-to-peer video, audio, and screen sharing using WebRTC.
- Implemented instant messaging and user presence updates through Socket.IO for low-latency bidirectional communication.
- Designed a responsive React frontend with dynamic UI components for chat, video streams, and screen-sharing sessions.
- Built a Node.js and Express signaling server to handle connection setup, room management, and peer coordination.
- Focused on efficient resource management, error handling, and seamless user experience during media stream transitions.
- <https://github.com/sachinspeaks/MERN-AI-Content-Generator>

Technical Skills

Languages: C++, Python, JavaScript, TypeScript.

Technologies: Full Stack Web Development, React.js, Redux, Next.js, Tailwind CSS, Django, Django Rest Framework, SQL, Node.js, Express.js, Docker, Nginx.

Concepts: OOPs, Database Management System, Computer Networks, Data Structures and Algorithms.

Coding Profiles

LeetCode (Solved more than 800 problems) : https://leetcode.com/sachin_codes/

CodeForces (Max. Rating 1500) : <https://codeforces.com/profile/Brahmachaari>

GeeksForGeeks : <https://auth.geeksforgeeks.org/user/sachingaud78/>