

Sanchit Kalra

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Summary

I am a third year student at BITS Pilani and I work on backend development projects with the MERN stack. I have worked with a few college projects and I am open to opportunities in Node based backend development.

Experience

Student Welfare Division | Hyderabad

Technical Lead | 08/2022 - Present

- Interface between the Administration and the General Student Body of the Campus.
- Maintain the SWD Student and Admin portal for the General Student Body and the campus administrative staff respectively.
- Operate the Portal where any club/department/individual can sell merchandise to the General Body of the campus.
- Developed and currently operate a QR code based system for entry to campus events.

CSIR-CSIO | Chandigarh

Research Intern | 05/2022 - 07/2022

- Worked in the Food Vision Lab in the Centre of Excellence for Intelligent Sensors and Systems (ISenS).
- Developed a full stack application to run analysis on data samples collected in the Lab.
- Frontend developed with Electron and Backend developed with Express and MongoDB. Used TypeScript for type-safety.

Entrepreneurship Cell, BITS Pilani | Hyderabad

Full Stack Developer | 10/2021 - 07/2022

- Led the development team of 7 people for the website and portal for the annual Entrepreneurship Summit and Internship Drive.
- Built and deployed the backend for the Internship Drive portal using Node, Express and MongoDB.
- Managed deployments for the frontend development by my team.
- Conducted inductions in a two phase process for the 2021 batch.

Skills

TypeScript, Node.js, ReactJS, MongoDB, Git, Express

Education

BITS Pilani | Hyderabad, India

Electrical Engineering | 08/2025

Certificates

Advanced Theoretical JavaScript, JavaScript Algorithms and Data Structures, Learn MongoDB with Node.js, M001: MongoDB Basics