

# AKSHIT SINGH

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## EDUCATION

**HIGH SCHOOL:** Seth MR Jaipuria(2019-20)

*Lucknow,India*

Scored 96% in 10th

**INTERMEDIATE:** Seth MR Jaipuria(2021-22)

*Lucknow,India*

Scored 91.25% in 12th

**Btech:** VIT Bhopal University(2022-26) Ongoing

*Bhopal,India*

8.2 CGPA In Computer Science Engineering

## SKILLS

**Technical:** C++,HTML,CSS,Javascript(ES6+),React,Node.js,Express.js,MongoDB,Python,Data Analysis,SQL,DSA

**Tools:** Git,NPM/Yarn,Webpack,Docker,AWS,Azure,Vercel,CI/CD Pipelines

## CERTIFICATIONS

- Bits And Bytes Of Computer Networking-[link](#)
- NPTEL Cloud Computing SWAYAM -[link](#)
- Delloite Data Analytics Job Simulation -[link](#)

## EXPERIENCE

**Vodafone Idea Foundation**

**Blockchain Intern -[Completion Certificate](#)**

- Land Registry Website using Nodejs and Truffle.
- Gained hands-on experience with Blockchain Technology, including concepts of centralized,decentralized systems.
- Designed and Deployed Decentralized Applications using truffle and Ganache for smart contract deployment.

**India Space Lab**

**Winter Internship-[Completion Certificate](#)**

- Successfully completed training programs in Space Science and Technology
- Includes specialized modules in Advanced Drone Technology, CanSat and CubeSat Satellite programs,Astronomy.

## PROJECTS

**Virtual Sound Space Generator -[Gitlink](#)**

- Spatial Audio Simulation: Generating 3D audio effects to mimic how sound behaves in a physical space.
- Interactive Audio: Allow users to experience dynamic sound changes based on their position or interaction
- Tools used are MongoDB,Expressjs,Nodejs including Web Audio API for creating spatial audio in the browser, FFmpeg is also used for server side audio processing.
- It gives an immersive audio output,Interactive web interface,Dynamic Audio Processing and Real Time Audio.

**Task Manager Website- [Gitlink](#)**

- Task creation and management: Users can create,edit,delete and categorize tasks
- User Interface:A Front end interface for viewing tasks,marking them as complete or filtering them.
- Interactive Features:Features like drag and drop task organization,reminders or real time reminders
- Tools used are MongoDB for storing tasks,Expressjs,RestfulAPI for CRUD operations,React for frontend,Tailwind CSS for styling.
- Functional task management:Users can edit,add,delete and view tasks also User Authentication for more security.

**AI Resume Analyzer-[Gitlink](#)**

- Resume Parsing:Extracts key information from uploaded resumes using NLP OR AI Algorithms
- Analyzes the resume for ATS friendliness by checking keywords formatting and also assigns a score based on resume.
- NLP libraries like spacy,pdf2json used to extract information,Nodejs for backend,Reactjs,MongoDB used in front-end.

## ACHIEVEMENTS

- Solved 200+ questions on leetcode- [LEETCODE PROFILE](#)
- 5 star rating in CPP in HackerRank
- Qualified TCS Codevita Round 1

## SOFT SKILLS & LANGUAGES

- Problem Solving,Team Work,Leadership,Socializing,Debating
- English-Professional Proficiency
- Japanese-Basic Proficiency