

Santosh Kumar

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Education

Maharaja Agrasen Institute Of Technology (MAIT)

Bachelors of Technology in Electrical and Electronics Engineering | [MAIT DELHI](#)

AND Public School (Khalpura)

Class 12(SCIENCE) |

Expected graduation date: Jun. 2024

CGPA: 8.1

Completion date: Jun. 2020

Percentage: 69

Experience

DRDO, CFEES Lab

aug. 2023 - oct. 2023

Internship

Arduino, C++, GitHub

- i worked on “software for Training,fire alarm Advisory..
- Conducted pioneering research on fire dynamics, explosive materials, and safety protocols under the DRDO umbrella.
- Contributed to the design and testing of innovative materials for enhanced fire resistance and explosive containment.

Coding Blocks

Jun. 2023 - Sep. 2023

Coding Instructor and mentor C++, python, Data Structure and Algorithm, MySQL, HTML, CSS, Git, javascript, OOPS

- Addressed 450+ student doubts, offering guidance on various topics in programming, algorithms, and data structures.
- Provided comprehensive assistance to students in understanding programming concepts and problem-solving..
- Conducted interactive sessions, explaining complex concepts in an understandable manner, fostering a conducive learning environment.

Projects

Spotify Clone

sep. 2022 - nov. 2022

Personalized Spotify tops and insights web application

React.js, JavaScript, HTML,CSS, Bootstrap, Git

- Developed a full-fledged music streaming application, resembling the functionalities of Spotify, using [list the technologies and frameworks used, e.g.,HTML,CSS,Javascript React.js, Node.js, MongoDB].
- Implemented user authentication, playlist creation, song streaming, and recommendation features, mimicking the user experience of the original platform.

Real time chat Application

jan. 2023 - feb. 2023

Designed and developed a real-time chat application using

JavaScript,Node.js, HTML, CSS, Git

- Create a web-based application that allows users to initiate and participate in real-time video calls with other users.
- Implement a chat feature that enables users to send text messages to each other during video calls.
- Integrate with third-party APIs or services that handle call quality and bandwidth management.

Technical Skills

Languages:

C++, HTML, CSS, JavaScript, React.js,Node.js,Express.js,mongodb, SQL, C,Python

Coursework

Data Structure and Algorithm, OOPS, Finance skills, Oprating system, Computer Network, DBMS

Technologies & Tools:

VS Code, Git, Docker, CI/CD

Certifications:

(Udemy) C++ and Data Structure, (Coding Blocks) MERN STACKS

Achievements

Coding Blocks

Teaching Assistant

- Attained an exceptional satisfaction rating of 4.85 out of 5 as a Teaching Assistant at Coding Ninjas, underscoring the high-quality assistance and guidance provided to students in Data Structures and Algorithms.s and Algorithms.
- Solved 370+ problems on LeetCode platform, mastering algorithms and data structures..[Leetcode](#)
- ..[HackerRank](#) [geeksforgeeks](#)