



Registration Number: 20BCE10677

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Madhur Agarwal

Technical Skills: MySQL, JAVA, HTML/CSS, JavaScript, ReactJS, NodeJS, MongoDB, Canva, Figma

Certification:

- Learn JAVA Programming - Beginner to Master, Introduction to Front-End Development, Fundamentals of Data Analytics.

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Sept 20 - Ongoing	VIT Bhopal University	8.55/10
Class XII	May 19	R.R. Morarka Public School	90.4%
Class X	May 17	R.R. Morarka Public School	10/10

ACADEMIC PROJECTS	
Full-Stack Development	<ul style="list-style-type: none">- Web-based Number Guessing Game: Enhancing User Engagement and Problem-Solving Skills (March 23)<ul style="list-style-type: none">- Description: Developed an interactive web game, "Guess the Number," where users can challenge their problem-solving skills by guessing a number within a given range. Utilized React and JavaScript to create an engaging user interface and implemented logic to provide real-time feedback on each guess. Promoted user engagement through dynamic high/low indicators, encouraging players to improve their guesswork and enhance their logical thinking abilities.- Technology: NodeJS, JavaScript- Individual Project- Role: Developed a web-based number guessing game, fostering problem-solving skills and user engagement through interactive gameplay and real-time feedback.
Back-End Development	<ul style="list-style-type: none">- Hostel Complaint Management and Organizer System (May 23)<ul style="list-style-type: none">- Description: A system for the students to register their complaints in a more effective manner and for hostel authorities to keep track of them and respond to it more efficiently. It will improve work efficiency and management by approx. 40%.- Technology: ReactJS, NodeJS, Google Firebase(Database)- Team Project: 2 members- Role: Developed the Back-End database using Google Firebase Real Time Database and responsible for the connection between the front-end and the database.- Link : https://tinyurl.com/hostelcomplaint1
Full-Stack Development	<ul style="list-style-type: none">- Dog Interactive Network for Guided Obedience: Advanced Training Video Platform (Mar 23 – Jun 23)<ul style="list-style-type: none">- Description: Led the development of a ReactJS-based interactive dog training video platform, enabling users to access a vast library of instructional videos. Implemented key features such as creating personalized playlists, incorporating a like feature for user feedback, enabling watch later functionality, and providing a comprehensive view of watch history. Delivered a seamless user experience, fostering engagement and personalized learning for dog owners and trainers alike.- Technology: ReactJS, NodeJS, mockBee- Individual Project- Role: Led the end-to-end development of DINGO, a ReactJS-based dog training video platform, offering advanced features like playlist creation, like functionality, watch later, and watch history, enhancing the learning experience for dog owners and trainers.

CO-CURRICULARS	
Coding	<ul style="list-style-type: none">- Grabbed 4 Stars for SQL and 2 Stars for Java at Hackerrank.- Successfully completed the 100 Days of Code Challenge (200+ SQL , Java based Problems).- Solved 200+ Competitive Coding Problems on various platforms – Leetcode , GeeksForGeeks.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">- Achieved LinkedIn skill badges – SQL, OOPs- Earned SQL (Basic, Intermediate) , JAVA(Basic) certificates on the Hackerrank Platform.

	- Leetcode Global Rank - 3,68,550
Responsibilities	<ul style="list-style-type: none"> - Volunteered at GeeksForGeeks VITB for the Database Management Team (Mar21 – Apr21) - Social Media Team Member at Codecademy Central India Chapter (Apr21 – Sep 21)

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none"> - Esports Enthusiast - Playing Sports – Cricket, Badminton
Languages	- English, Hindi