

# MOU SAMADDAR

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## EDUCATION

**RVS College Of Engineering and Technology, Jamshedpur**

*Pursuing Bachelor of Technology in Computer Science and Engineering*

CGPA: 8.5

AUG 2022 – Present

**DAV Public School Koylanagar, Dhanbad**

*Senior Secondary Education*

Percentage: 82

March 2020- May 2022

**Jawaharlal Nehru Memorial Sr. Sec. School, Digwadih**

*Secondary Education*

Percentage: 80

Feb 2020

## INTERNSHIP EXPERIENCE

**Web Development Intern**

*Bharat Coking Coal Limited (BCCL), Dhanbad*

May 2024 – June 2024

*Dhanbad, Jharkhand*

- Learned about Web Development fundamentals (HTML, CSS, JavaScript) along with PHP as Backend Development.
- Worked with designing the frontend portion of the BCCL'S website by implementing animations and creating dynamic, engaging user experience.
- Worked on MySQL to fetch and store data from forms and learnt designing PowerPoint Presentations.

**Java Developer Intern**

*Code Clause Pvt Ltd*

Mar 2024 – April 2024

*Remote Work*

- Learned about Core Java Concepts.
- Developed and maintained Java-based applications by writing clean, efficient, and scalable code following best practices.
- Worked with Java frameworks such as Spring, Hibernate, or JavaFX to enhance application performance and user experience.

## PROJECTS

**BYTE-BUDDY (A Virtual Asst.)** / *HTML, CSS, JavaScript*

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- Developed **Byte Buddy**, a fully functional **virtual assistant web application** using HTML, CSS, and JavaScript.
- Designed a **responsive user interface** with smooth **animations and interactive styling** for an engaging experience.
- Implemented **JavaScript logic** to handle user inputs and generate **dynamic, context-aware responses**.
- Utilized **DOM manipulation and event listeners** to enable real-time interaction and feedback.
- Integrated features like **time-based greetings** and **personalized messaging** to enhance user engagement.

**Weather Application** / *HTML, CSS, JavaScript*

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- Developed a **weather application** using HTML, CSS, and JavaScript with real-time weather data fetching.
- Designed a **clean, responsive UI** to display current weather conditions, temperature, humidity, and location details.
- Integrated **OpenWeatherMap API** to fetch and display accurate weather information based on user input.
- Implemented **JavaScript logic and DOM manipulation** to dynamically update weather data on the interface.
- Enhanced user experience with **error handling, loading indicators, and interactive input controls**.

## TECHNICAL SKILLS

**Languages:** C Programming, Core Java, SQL, Html, CSS, JavaScript, PHP, React, Python.

**Database:** MySQL, MongoDB

**Frameworks:** Spring Boot, Hibernate

**Developer Tools:** GitHub, VS Code, Eclipse

**Coursework:** Object-Oriented Programming in Java, Python, Data Structures and Algorithms, Computer Networks, Operating System, DBMS.

## ACHIEVEMENTS

- Completed the TCS ION Career Edge - A Young Professional course by TCS ION!
- Earned a certificate of Effective presentations from HP Life !
- Career Essentials in Generative AI by Microsoft and LinkedIn !
- Problem Solving through Programming in C by NPTEL (IIT Kharagpur) !
- Programming in Java by NPTEL (IIT Kharagpur) !