

Vivek Kumar

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EDUCATION

LNM Institute of Information Technology

B.Tech, Mechanical and Mechatronics

2020-24

Shantiniketan Jubilee School, Motihari

Senior Secondary – 84.4 %

2020

Tata Dav Public School, Noamundi

Matriculation – 10Cgpa

2017

EXPERIENCE

Honda Cars India Limited

8 Jan 2024 – Present

Engineering Intern (6 months)

- Gained foundational knowledge of the car manufacturing process with exposure to various departments, including powertrain, frame, quality assurance, business planning, export-import and new model.
- Demonstrated an understanding of how different departments within Honda work cohesively, emphasizing the importance of cross-functional collaboration in the automotive industry
- Actively engaged in a dynamic learning environment, showcasing adaptability, curiosity, and eagerness to understand the intricacies of the automotive manufacturing process

Tata Steel

5 July 2022 – 1 Aug 2022

Summer Intern

- Actively participated in on-site visits to the iron ore plants, observing and understanding the crucial processes involved in raw material extraction and processing
- Demonstrated adaptability and problem-solving skills while navigating real-world challenges in a dynamic industrial environment
- Acquired a deeper understanding of the iron and steel industry, including its environmental, safety, and quality standards

PROJECTS

Chat Application | | [Live](#) | [NodeJs](#), [MongoDB](#), [Express](#), [socket.io](#)

- Developed a real-time chat application using Socket.io
- Implemented user registration and authentication functionalities
- Integrated Socket.io to establish real-time connections, enabling users to send and receive messages
- Developed a user-friendly interface that intuitively displays active users and conversation threads
- Utilized backend technologies (Node.js, Express, MongoDB) to store user data, chat history, and manage user

Object Grasping Bot | [Arduino](#), [raspberry Pi](#), [problem solving](#), [Fusion360](#)

- Designed and developed a bot for the Robolympics competition held at BITS Pilani, which involved navigating through complex obstacle courses, executing jumps, and efficiently grabbing objects with minimum time
- Achieved 1st rank in the competition, demonstrating exceptional problem-solving skills

ACHIEVEMENT

- Rank-1 in in Robolympics at APOGEE 22' (BITS Pilani Technical Fest)
- Head Counselling Forum (2022-23)
- Successfully Organized Nitro Racing Event in our Tech Fest Plinth (2023)
- City Rank-1 in National science Olympiad (NSO)(2016)
- City Rank-1 in International Mathematics Olympiad (IMO) (2016)

TECHNICAL SKILLS

Languages: C/C++,python, SQL , JavaScript

Web Development:HTML, CSS, bootstrap, NodeJs, MongoDB, Express, ejs, Socket.io

Cs fundamentals: Operating Systems, OOPs, DBMS