

# Vivek Jha

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## Education

- Birla Institute of Technology, Mesra** Ranchi, India  
*Bachelor of Technology - Information Technology; GPA: 8.7* August 2019 - June 2023
- D.B.M.S English School** Jamshedpur, India  
*ISC Boards XII percentage: 91%* April 2016 - March 2018
- D.B.M.S English School** Jamshedpur, India  
*ICSE Boards X percentage: 95%* March 2004 - March 2016

## Skills Summary

- Languages:** C++, JAVA, C, SQL, HTML, Javascript, Typescript
- Frameworks & Libraries:** ExpressJS, ReactJS, NodeJS
- Subjects:** Data Structures & Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks

## Experience

- Societe Generale Global Solution Centre** Bengaluru, India  
*Software Developer(Internship)* Mar 2023 - Jun 2023
  - Career Development website:** Worked on the frontend side of the website. Designed the apis and displayed the data fetched from api response using **React** and **Typescript**. The website is hosted on **SharePoint** and data is also stored on **SharePoint**. It gives information about various career profiles and skills required for those career profiles.
  - Employee Training Portal Website:** This website serves as the platform for various employees portals. I worked on the making the frontend of the website and made all the webpages using **React**. The website is hosted on **Sharepoint**. I have also made Apis which are used to fetch the data from the **Sharepoint** database.
  - Employee Care Portal:** This is the care portal website for the employees. It provides all the information and links to other employee portals. This was a frontend project and made using **React**. Designed Apis to fetch data from **SharePoint** and the website is hosted on **SharePoint**.
- Societe Generale Global Solution Centre** Bengaluru, India  
*Software Developer* July 2023 - present
  - Employee Training Portal Website:** Worked on adding the calendar feature to this website where all the events of the calendar are dynamically displayed from the data fetched from the **SharePoint** database.
  - LLM ChatBot:** I worked on making the LLM chatbot where there are different models depending on the useCase selected by the user. I worked on the react frontend of the project and also on the backend where I integrated the apis and worked on switching of models depending on usecase and sending prompts to the models and making the overall file structure of the project. Also worked on deploying the frontend and the backend of the project using docker and kubernetes.

## Personal Projects

- Smart India Hackathon, Govt. of India '22**  
*Web Developer* March 2022 - August 2022
  - Developed a deep learning solution for the problem set given by the **Indian Space and Research Organization**.
  - Implemented **model explainability** which is trained on **satellite data** through various **explainable AI techniques**. Performed **logical analysis** on the **extracted feature data** and displayed the results on the website.
  - Extensively used **Mapbox** for its variety of map features and displaying the **data explainable** layers that were coming from the Machine Learning model.

## Achievements

- Winner at Smart India Hackathon 2022:** Winner of the AICTE's Smart India Hackathon 2022. Ranked among the top 3 teams in the nation during the 36-hour finals hackathon by creating a Deep learning embedded solution to the problem set provided by ISRO.
- Achieved **272 global rank** in **Codechef Cookoffs 2020** among **20,000 participants**. **3-star** rating on **Codechef** and **5 stars** in **problem solving** in **Hackerrank**. Solved **700+** problems on **Leetcode** and **1000+** problems related to data structures and algorithms on various coding websites. [Leetcode Profile](#): [jhavivek105](#)

## Certificates

- Coding Blocks Competitive Programming Course(06/2020 - 12/2020)**
- The Web Development Bootcamp 2021(08/2021 - Present)** by Colt Steele