

# HIMANSU BEHERA

Jajpur, Odisha

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## Objective

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Eager to leverage my technical expertise to drive growth and contribute to organizational success in a professional environment.

## Technical Summary

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### Knowledge in technology

- Proficient in **Frontend Web Development**: Skilled in **HTML**, **CSS**, and **JavaScript**, including advanced concepts such as **semantic tags**, CSS selectors, **Box Model**, grid layout. Capable of creating responsive and visually appealing websites by leveraging CSS flex properties and media queries.
- Strong Understanding of **JavaScript**: Experienced in JavaScript programming, with expertise in essential concepts like **callbacks**, array manipulation using methods like **map**, **filter**, and **reduce**, and understanding of **hoisting**. Familiarity with different types of functions, including **anonymous**, **IIFE**, and **constructor functions**, enabling efficient coding practices.
- Comprehensive Knowledge of **HTML Forms and Tables**: Proficient in creating interactive and structured web forms using HTML form elements and attributes. Skilled in designing and organizing **tabular data using HTML tables**, enhancing user experience and data presentation on web pages.
- Effective Use of **ES6 Features**: Proficient in utilizing ES6 features such as **let**, **const**, **arrow functions**, **spread operators**, and **rest parameters** to write clean, concise, and maintainable JavaScript code. Able to leverage modern JavaScript syntax for improved code readability and performance.
- Responsive **Web Design Expertise**: Demonstrated ability to implement responsive web design principles to ensure optimal viewing experience across various devices and screen sizes. Knowledgeable in utilizing **CSS media queries** and responsive layout techniques to adapt website layouts dynamically.
- Proficient in **Document Object Model (DOM) Manipulation**: Possesses a strong understanding of the Document Object Model (DOM) and its role in web development. Skilled in manipulating DOM elements using JavaScript, facilitating dynamic interaction and content updates on web pages. Capable of efficiently accessing, modifying, and manipulating DOM elements to create responsive and interactive user interfaces.

### Core Java

- Demonstrates a deep mastery of **Java fundamentals** and an in dept understanding of **Object-Oriented Programming (OOP)** principles, including robust knowledge of foundational concepts.
- Exhibits proficiency in the intricate aspects of **Polymorphism, Inheritance, and Constructors**, showcasing expertise in **constructor types, overloading, chaining** and their practical applications.
- Shows a strong grasp of **Abstraction and Encapsulation**, adeptly utilizing **Java Bean classes**, accessor methods, and encapsulation techniques to ensure code integrity and maintainability.
- Possesses extensive expertise in **Java Virtual Machine (JVM) memory management**, encompassing a nuanced understanding of **heap, stack, class and method area**, ensuring efficient resource allocation and optimization.
- Displays fluency in working with **Abstract Classes, Interfaces**, and their implementation, enabling seamless integration and extensibility within complex software architectures.
- Proficiently handles typecasting of primitive and non-primitive data types like **Upcasting and Downcasting**, adeptly managing **object communication** and adhering to the principles of effective design, including a solid grasp of the **Single Responsibility Principle** for streamlined and maintainable codebases.

## Education

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**Balasore College of Engineering and Technology**

*B.Tech in Computer Science Engineering (CGPA of 8.6)*

**November 2020 - July 2024**

*Balasore, India*

**St. Vincent's Convent Sr. Sec. School**

**2020**

*12th percentage - 63%*

**St. Vincent's Convent Sr. Sec. School**

**2018**

*10th percentage - 79%*

## Skillset

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**Languages:** Java,C++(basics).

**Frontend:** HTML,CSS,Javascript,Bootstrap,Tailwind CSS, Material UI

**Backend:** MongoDB(basics),SQL(basics)

## Achievements

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- \* Captain and representative of the college cricket team in inter-college events.
- \* Participant in the badminton league held within the college.
- \* Active member of the National Service Scheme (NSS) camp for two years, contributing to various community service activities.

## Internship

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**Teachnook(Link)**

**July 2022 – August 2022**

*Web Development Intern*

*Online*

- \* Developed a dynamic weather web application using HTML, CSS, and JavaScript, enabling users to retrieve real-time weather information for any location worldwide.
- \* Integrated with a weather API to deliver accurate and up-to-date forecasts upon entering the desired location.

## Projects

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**Pic-Gen (AI image generator)** | *Open AI, MongoDB, Express, ReactJS, Node* | [link](#)

- Built and deployed an application that generates AI images based on user-provided textual descriptions, utilizing the OpenAI API.Responsive front-end using React.js, and a robust back-end using Node.js and Express.js.
- Designed and integrated a MongoDB database to store and manage image data and user inputs. Leveraged Git and GitHub for version control, collaborated with a team of developers to meet project deadlines and requirements.

**Movie Recommendation System** | | [link](#)

- Built this Machine Learning Model from scratch using Kaggle TMDB Dataset and TMDB API key.
- Used Vectorization, Cosine Similarity in the model to make valid recommendations and deployed it on Heroku.

**Animated Frontend Web Development Project** | | [link](#)

- Developed a visually captivating website from scratch using Tailwind CSS for efficient and responsive styling, ensuring a seamless user experience.
- Implemented dynamic animations using JavaScript libraries such as ScrollTrigger by GSAP (GreenSock Animation Platform), enhancing user engagement and providing an immersive browsing experience.

## Hobbies

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Content Creator(Link)

Option Trading

Video Editing

Photography