


# BHASKAR JHA

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## Education

### Haldia Institute Of Technology

*B.Tech in Information Technology*

CGPA: 8.67 up to the Fifth Semester

Sep. 2022 – May 2026

*Haldia, West Bengal*

## Projects

### Foodify | *React.js, Redux-toolkit, Tailwind CSS*

- Developed using React.js with modern hooks (useState, useEffect, custom hooks) and designed a responsive, visually appealing UI with Tailwind CSS.
- Utilized React Router v6 for client-side routing with dynamic routes for seamless navigation.
- Implemented Redux Toolkit for centralized state management, particularly for cart functionality.
- Integrated with Swiggy's public APIs to fetch restaurant listings and menu data using the fetch API.
- Ensured code reliability and functionality with Jest and React Testing Library for unit and integration testing.
- Utilized Babel for code transpilation and Parcel for efficient bundling and optimized build processes.

### Weather App | *React.js, OpenWeatherMap API, CSS 3, Vite*

- Developed a React.js Weather App that retrieves and displays current weather information for a specified location using the OpenWeatherMap API.
- Designed a user-friendly interface showing key weather details including temperature, humidity, wind speed, pressure, and weather conditions.
- Implemented a city search feature allowing users to easily check weather information for different locations.

### nasa-X-apod | *JavaScript, Web Share API, SMTP.js*

- Developed an application that retrieves NASA's Astronomy Picture of the Day (APOD) from their API, displaying the image with its title and description.
- Integrated Web Share API to enable easy sharing functionality within the application.
- Implemented a contact page for support and inquiry using SMTP.js

## Technical Skills

**Languages:** Java, JavaScript, Python, C, SQL

**Frameworks & Technology:** React.js, Redux Toolkit, Tailwind CSS, AWS(EC2, S3, Lambda), CSS 3, HTML

**Developer Tools:** Git & GitHub, Linux

## Relevant Coursework

- |                                     |                               |                    |
|-------------------------------------|-------------------------------|--------------------|
| • Data Structures and Algorithms    | • Object Oriented Programming | • Operating System |
| • Design and Analysis of Algorithms | • Database Management System  | • Computer Network |

## Certifications

### Java Programming: Solving Problems with Software | *Coursera*

*Grade Achieved: 95.94%*

- I gained a strong understanding of Java programming, including object-oriented programming (OOP), data structures, and algorithms, earning an impressive grade of 95%.

## Leadership / Extracurricular

### ACM HIT STUDENT CHAPTER

March 2024 – Present

*Technical Teacher*

*HIT, Haldia*

- Educated and mentored students in hands-on technical training sessions.
- Organized Workshops, Hackathons, Coding Competitions, and Guest talks on various technologies, frameworks, and tech stacks.
- Collaborated with a team of 20+ members to effectively plan and execute various events and activities.