

Education

- **Institute of Technical Education and Research , Bhubaneswar , India**

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.98)

present

- **S.D.S.M School For Excellence ,Jamshedpur, India**

Higher Secondary School Certificate

2022

Subjects: Physics, Chemistry, Mathematics, Computer Science

Experience

- **Prodigy Infotech | Web Development Intern**

May '2024

- made a variety of problems **covering** topics such as HTML, CSS, and JavaScript
- ensured the projects were well-structured, clear, and aligned with industry standards, allowing candidates to demonstrate their proficiency in WebDev concepts. (Uploaded in my GitHub).

- **Google for Education | Gen AI Study Jam**

May '2024 – Present

- Participated in the Google Gen AI Study Jam, contributing to the testing and launch of advanced AI technologies including Vertex AI and Generation AI.

- **E-CELL, ITER | Team Management Host Present**

Sept '2022- Present

- Hosted many Tech Events in College as a Team Management member in E-Cell ITER, SOA.

Projects

Event Management System : For College Events

- Implemented a dashboard for users to view ongoing events, contact leads in case of emergencies, and manage event participants.
- Utilized front-end technologies including HTML, CSS, JavaScript, and ReactJS to create an intuitive and responsive user interface.
- Leveraged back-end tools such as MongoDB to handle data storage, user registrations, and event information management.
- Integrated AI technology for enhanced features, such as automated participant recommendations and event trend predictions, to improve user experience and decision-making.

Blocks Up : Build your dream

- Co-developed **Blocks Up**, a web application that allows users to create and customize homes within their budget.
- Developed a user-friendly dashboard for users to input their budget and available materials, facilitating the home design process.
- Incorporated design tools like Canva, integrated with AI technology, to help users visualize and generate models for their house, enabling a personalized home design.
- Provided functionality to hire architects through the platform, ensuring professional guidance and support for home projects.

Generative AI Model Development , Collaboration with NxtWave

- Developed a state-of-the-art generative AI model focused on text generation and content automation, addressing real-world content creation challenges.
- Collaborated closely with NxtWave on the overall model architecture and implementation strategies, leveraging their expertise to refine the system.
- Employed advanced deep learning techniques, including neural network optimization, to enhance both the accuracy and efficiency of the model.
- Achieved impressive performance metrics, with the model demonstrating high accuracy and scalability across multiple domains, significantly improving content generation workflows..

'Stutor' - Peer to Peer learning

- A full-featured Website to register yourself as a tutor as well as a student and manage learning seamlessly.
- Co-Developed the Student Login and Register page using HTML ,CSS and Bootstrap, creating a responsive and intuitive user interface. Implemented Registration of Students to connect with others.

Affine Cipher Project

- Designed and implemented an affine cipher encryption algorithm, focusing on cryptography fundamentals.
- Developed the algorithm in Java, implementing key functions such as modular inverses and affine transformations for both encryption and decryption.
- Tested the cipher with multiple datasets to ensure functionality and accuracy in both encryption and decryption processes.
- Demonstrated a strong understanding of mathematical cryptography principles through hands-on coding.

Skills Summary

- **Languages:** Java, C, Python, HTML5/CSS, JavaScript, SQL
- **Frameworks & Libraries:** jQuery, Bootstrap, Django, Spring MVC , ReactJS , ExpressJS , NodeJS.
- **Tools and Other Technologies:** Git , GitHub, REST API's , MongoDB , MySQL
- **Soft Skills:** Team Work, Problem Solving, Effective Communication

Achievements/Certification

- GOOGLE CLOUD Diamond badge Achiever (in 2 Months) Link- <https://shorturl.at/wssBf>
- Top 100 Teams in GOOGLE SOLUTION CHALLENGE 2024.
- Accenture Innovation Badge in ACCENTURE INNOVATION CHALLENGE 2024.
- Building Generative AI model certification by NxtWave.
- Applied Machine learning certification by Siksha 'O' Anusandhan (Deemed to be University).