

Summary: Pre-final year B.Tech student at Institute of Technical Education and Research (ITER), Siksha 'O' Anusandhan University, with a strong passion for technology, troubleshooting, and continuous learning. A technical enthusiast with a keen interest in working with machines, software, and innovative solutions. Committed to personal growth, consistently striving to improve skills in programming, data structures, and emerging technologies.

Education:

- **Bachelor of Technology (B.Tech), Computer Science and Information Technology (CSIT)** Oct 2022 – Jun 2026
ITER, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha
CGPA: 9.69
- **Intermediate, Science (PCM)** Jun 2019 – Jun 2021
DAV Public School, Cantt. Area, Gaya, Bihar
Percentage: 95.5%
- **Matriculation** Apr 2018 – Mar 2019

Percentage: 88%

Skills:

Java, C, C++ Algorithm Design Data Structure

HTML, CSS, JavaScript Operating System Computer Networking

SQL React Regression Models

Projects:

Implementation of Regression Model and Clustering Dec. 2024 – Jan. 2025

- Achieved **95% prediction accuracy** by implementing Linear Regression models in Java for predictive analytics.
- Improved segmentation efficiency by **30%** using K-Means clustering to identify data patterns.
- Reduced data processing time by **40%** through optimized Java libraries.
- Enhanced model accuracy by **20%** via effective data preprocessing techniques.

Tic Tac Toe Mania Jun. 2024 – Jul. 2024

- Developed a Java-based graphical application for a classic 3x3 Tic Tac Toe game supporting two-player mode.
- Crafted a user-friendly interface, improving player engagement by ensuring **95% of users navigated seamlessly** without encountering gameplay disruptions during testing phases.
- Designed **interactive GUI components** using **Java libraries** for efficient game logic and smooth performance.
- Applied **event-driven** programming to manage **real-time user interactions** and game state **transitions efficiently**.

Currency Converter Jan.2024 – Jan.2024

- Designed and developed a responsive **Currency Converter Web Application** using **HTML, CSS, and JavaScript**.
- Integrated a **real-time Exchange Rate API**, improving conversion accuracy and responsiveness.
- Enabled real-time conversion for multiple currencies with user-friendly input features.
- Ensured seamless cross-device functionality through optimized UI/UX design.

Certifications:

- Achieved **Career Essentials in Sustainable Tech** by Microsoft & LinkedIn Dec. 2024
- Achieved **CSS and SQL** certifications through Hacker Rank. Dec. 2024
- Earned a **Generative AI: The Evolution of Thoughtful Online Search** certification from LinkedIn Jul. 2024
- Obtained the **TCS iON Career Edge – Young Professional** certification from TCS iON Sep. 2023

Achievements:

- **Secured** the Silver Medal in the National Cyber Olympiad (NCO) – 2019, conducted by KSHITIJ, IIT Kharagpur.
- **Excelled with** a 10.0 SGPA in the 4th semester of B.Tech.
- **Achieved** the LeetCode 100 Days Badge by maintaining a consistent problem-solving streak.