

SANDIPAN JENA

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EDUCATION

Vellore Institute of Technology
Btech in Computer Science and Engineering

Amravati, India
2021 - 2025

Prabhujee English Medium School CBSE
Completed 12th with 75.8 percentage

Bhubaneswar, India
2019 - 2021

PROJECTS

Microsoft Excel Clone

- Implemented a user interface that replicates key features and functionalities of Microsoft Excel.
- HTML and CSS are used to design multiple spreadsheet layouts and stylings using a 2D matrix.
- Applied DFS algorithm implementing formula evaluation, cycle detection and color tracking features.
- Added additional features such as cut, copy, paste, downloading to the program.

Open Board Project

- OpenBoard is a cross-platform interactive whiteboard application intended for classroom setting.
- It aims to provide users with functionalities, such as writing, erasing, downloading the canvas, adding notes, minimising them, closing them, dragging them around, attaching images to notes, undo/redo.
- Added realtime drawing functionality using Socket.io by connecting to server using Express.js.

Amazon Clone

- Developed a fully responsive design of Amazon using React, ensuring seamless user experience.
- Implemented user authentication and real-time database management using Firebase, providing users with a secure and efficient user login and data handling and seamless sync in various devices.
- Added hovering and highlighting effects to allow users to have an intuitive navigation experience.
- Integrated Stripe for secure payment processing, allowing users have quick and efficient payments.
- Amazon-style features with search, reviews, and cart features are designed for seamless shopping.

SKILLS

Languages and Frameworks : C++, Java, Javascript, Node.js, HTML, CSS, Python, React.js, SQL

IT Constructs: Data Structure and Algorithm, Object Oriented Programming, Operating System, Computer Networks, Database Management Systems, Cybersecurity, Artificial Intelligence.

EXTRA CURRICULAR ACTIVITIES

Successfully lead my University table tennis team at UDGM National Level Fest 2023 and 2024 and GUSTO Sports fest 2024 and played a major role to victory in both singles and doubles event demonstrating strong teamwork and leadership qualities through out the tournament.

Earned 2 star rating in contest on Codechef, showcasing proficiency in competitive programming (<https://www.codechef.com/users/jenasandipan>)

Earned 5 stars in problem solving on Hackerrank demonstrating advanced problem-solving skills (<https://www.hackerrank.com/jenasandipan>)

Received a contest rating of **1617** on Leetcode emphasizing strong performance in competitive coding (<https://leetcode.com/jenasandipan/>)