

Ch Debasis Patro

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🧠 SKILLS

ReactJs • CSS • Javascript • Typescript • HTML • TailwindCSS

📁 PROFESSIONAL EXPERIENCE

Bariflo Cybernetics Pvt Ltd, Design Engineer

Feb – May 2023 | Bhubaneswar, Odisha

- Designed and 3D printed various simple and intricate models on my own and confirmed their functionality, sustainability, and accuracy.
- Generated and provided 3D model images and rendered images with detailed draftings of the models. Also, performed simulations in assembled models for checking the functionality and the output of the design.
- Solved the issues related to technical errors of the 3D printers including some of the Creality models Ender 3, Ender 3 V2 and Cr-10 S5. Worked on different components for finding out and solving the heating issues and axis movement issues.

📁 PROJECTS

Location & Weather Informer, HTML CSS, JavaScript [🔗](#)

- Built a responsive and user-friendly interface using HTML and CSS, ensuring optimal viewing across devices.
- Implemented JavaScript logic for data parsing, presentation, and user interaction.
- Applied web API integration techniques to connect the web-page with the external data sources as I used two different APIs for weather and location.

To-Do List, HTML CSS, JavaScript

- Crafted a visually stunning and responsive To-do list web app, prioritizing user experience and intuitive interaction.
- It has a color co-ordinated design, enhancing task management with a touch of mesmerization.

Design & Development of Curtain Tiebacks with 3D Printing Tech, SOLIDWORKS Blender, Ender 3 3D Printer

- As a final-year undergraduate student, I pursued for a project that combines my passion of designing for advanced additive manufacturing technology and interior product design.
- I designed and developed curtain tiebacks using 3D printing technology, aiming to create a sleek and functional alternative to outdated and cumbersome designs. Also, I finalized a complete report based on this project.

📁 CERTIFICATES

Internshala React Course (Course on ReactJS fundamentals from basics to advanced topics.)

JAVA Course

🎓 EDUCATION

NIST Institute of Science and Technology, B.Tech(ME) | CGPA - 8.1

2020 – 2023 | Berhampur, Odisha

KIIT Polytechnic, Diploma(ME) | CGPA - 7.1

2019 – 2020 | Bhubaneswar, Odisha