

# SATYAJIT SAMAL

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## EDUCATION

**Biju Pattanaik University of Technology**  
Bachelor of Science in Computer Science

**Oct 2020 – July 2024**  
Bhubaneswar, Odisha

## PROJECTS

**Code Editor Application** | React, CodeMirror, ContextAPI, MaterialUI | [GitHub](#) [Live](#) **Nov 2024**

- Developed a web-based code editor using React and CodeMirror, providing a robust coding environment.
- Enhanced the user experience with features like syntax highlighting, error detection.
- Designed a responsive and intuitive UI using HTML and CSS, ensuring cross-device compatibility.

**To-Do List Application** | React, Context API, Local Storage | [GitHub](#) [Live](#) **Oct 2024**

- Built a robust task management app, enabling task creation, editing, and deletion with Context API for efficient state management.
- Integrated LocalStorage to ensure persistent data across sessions, allowing users to track tasks seamlessly, enhancing user convenience.
- Emphasized optimized performance with efficient event handling, enhancing responsiveness and user experience.

**Tic Tac Toe Game Application** | React, Context API, TailwindCSS | [GitHub](#) [Live](#) **Oct 2024**

- Developed a classic Tic Tac Toe game using React, featuring a clean and intuitive user interface.
- Used Context API to handle game state, including undo/redo functionality and reset options.
- Implemented the game logic for smooth gameplay and accurate win condition detection and styled with TailwindCSS.

**Currency Converter Application** | React, JavaScript, API Integration | [GitHub](#) [Live](#) **Jun 2024**

- Utilized React for building a responsive and interactive user interface.
- Integrated a third-party API to fetch live exchange rates, ensuring accurate and up-to-date conversions.
- Optimized performance by minimizing API calls and efficiently managing state with React Hooks.

## EXPERIENCE

**FluenceTech** **Dec 2022 – Mar 2023**  
Front-end Developer Intern Bhubaneswar, Odisha

- Built and optimized responsive, visually engaging web interfaces using HTML, CSS, JavaScript, and React, focusing on seamless user interactions and performance across various devices.
- Developed dynamic user interfaces by transforming design mockups into functional and interactive web pages.
- Improved user experience by implementing state management techniques and efficient DOM manipulation to enhance application responsiveness and performance.
- Collaborated with cross-functional teams to ensure a cohesive and intuitive user experience, ensuring design consistency and user-centric development.

## CERTIFICATE

**NullClass Certificate of Training** | [Drive Link](#) **May 2023**  
HTML, CSS, JavaScript, React, NodeJS, MongoDB NullClass

- Completed a comprehensive online training on Web Development, focusing on building a real-time website like StackOverflow.
- Gained hands-on experience in full-stack development, implementing real-time functionalities.

## TECHNICAL SKILLS

**Languages:** JavaScript, Java, HTML/CSS

**Developer Tools:** VS Code, Eclipse

**Technologies/Frameworks:** React, Redux, Node.js, Linux, GitHub, WordPress