Jay Purnwasi

Email- purnwasijay@gmail.com| Phone- 9424539334| [GitHub](https://github.com/Jaypurnwasi) | [Credentials](https://drive.google.com/drive/u/0/folders/1T4LTeFu7hucpj8zsz-Z6hiKoJ2halqoC) |

# Education

BTECH CSE **|** 2025 **|** CGPA: 8.7

Std - 12 **|** 2021 **|** PERCENTAGE: 78% Std - 10 **|** 2019 **|** PERCENTAGE: 84%

# Experience

**Software Developer Intern­­**

**Epsilon IT Solutions - MAY 2023. – JULY 2023.**

* Contributed to frontend development projects, collaborating with senior developers to enhance user interfaces and user experiences.
* Implemented responsive designs and optimized web pages for improved performance across devices.
* Gained hands-on experience with modern web development technologies such as HTML5, CSS3, JavaScript, and frameworks like React.js.

# Projects

**Weather App – (** [**Link**](https://jaypurnwasi.github.io/weatherApp/) **)**

* Built a single-page weather application leveraging the Weather API for real-time weather data retrieval via AJAX calls. x
* Designed a user-friendly search interface utilizing JavaScript's Fetch API to asynchronously retrieve weather data for any specified city/location, reducing API calls by 70% through efficient caching (e.g., Local Storage).
* **Ensured a fully responsive design using SASS and Tailwind** for seamless user experience across all devices and Implemented error handling and user feedback mechanisms to ensure a robust application experience.

**Password Generator – (** [**Link**](https://jaypurnwasi.github.io/passwordGenerator/) **)**

* Developed a **lightning-fast, responsive password generator web app** Which has **user-friendly interface** with a **dynamic length slider** and **intuitive checkboxes** to customize password strength (uppercase, lowercase, numbers, symbols)
* Implemented a cryptographically secure random password generation algorithm to ensure passwords are uncrackable and meet best security practices.
* Integrateda **one-click copy-to-clipboard functionality** for effortless password transfer and Employed **modern UI design principles** fora **visually appealing and intuitive interface.**
* Emphasized robustness through thorough testing, cross-browser compatibility, and optimized performance for smooth user interaction.

**Console-based-banking-Software (** [**Link**](https://github.com/Jaypurnwasi/console_based_banking_application) **)**

* Developed a console-based banking software utilizing object-oriented programming (OOP) principles.
* Implemented functionalities include creating new accounts, making deposits, processing withdrawals, and facilitating UPI transactions.
* Designed with a focus on modularity and extensibility, allowing for easy addition of new features and functionalities.
* Utilized C++ programming language and OOP concepts to ensure code reusability, maintainability, and scalability.

**Skills & Certifications**

**5- star @Hackerrank** ||2-star Code chef (1510)|| 300+ problems solved on Leetcode & GFG || DSA || C++, Python

**Global Rank 242 at Codechef starters 128 :** Ranked 224 out of 30,000 participants in CodeChef Starters 128 competition, showcasing proficiency in competitive programming and problem-solving skills.

**Amazon AWS AI and ML Scholarship 2022:** Recipient of the Amazon AWS AI and ML Scholarship 2022. Earned after qualifying as a finalist in the Amazon Deep Racer competition, Demonstrated expertise in machine learning