

Piyush Kumar Singh

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EDUCATION

Banaras Hindu University

Masters of Computer Application

Varanasi, UP

Aug. 2024 – May 2026

LN Mishra Institute

Bachelor of Computer Application

Patna, Bihar

Aug. 2021 – May 2024

EXPERIENCE

Project training Intern

January 2024 – March 2024

Digital Computer

Patna, Bihar

- Developed a full-stack Movie Ticket Booking System using HTML, CSS, JavaScript, and MySQL, enabling seamless ticket reservations.
- Integrated real-time seat selection and availability tracking, optimizing the booking experience and minimizing conflicts.
- Designed and optimized a relational database in MySQL, ensuring efficient data retrieval and storage for user bookings and movie schedules.

PROJECTS

To-DO List | HTML, CSS, JS | Live Demo

January 2025

- Developed a fully functional To-Do List application using HTML, CSS, and JavaScript.
- Designed an intuitive UI with CSS, making it visually appealing and easy to navigate.
- Used local storage to persist tasks across browser sessions, allowing users to keep track of their to-dos even after refreshing the page.
- Basic DOM manipulation using Java Script.
- You can add your task with date and delete, when completed

Rock-Paper-Scissors | HTML, CSS, JS | Live Demo

January 2025

- Developed a fully interactive Rock-Paper-Scissors game using JavaScript, enabling real-time user interaction.
- Displayed real-time score updates, tracking the number of rounds won by the user and the computer.
- Used event listeners to capture player input and determine the winner based on game logic.
- Used java script to implement game logic to deliver an engaging and seamless user experience
- Designed a visually appealing UI with CSS to enhance the interactive feel of the game.
- Random choice selection from Computer, ensuring fair and unpredictable outcomes.

Calculator | HTML, CSS, JS | Live Demo

February 2025

- Built a fully functional Calculator app using JavaScript, supporting essential arithmetic operations.
- Developed an interactive numeric keypad using HTML buttons, making it user-friendly.
- Used event-driven programming to process user input dynamically and perform real-time calculations.
- Ensured accurate mathematical computations with efficient handling of user inputs and edge cases.
- Developed a clean and intuitive UI using CSS for enhanced user experience and accessibility.
- Optimized event handling and DOM manipulation for smooth real-time calculations without delays.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React

Developer Tools: Git, VS Code, PyCharm, IntelliJ

Databases: MySQL, MongoDB

Libraries: express, mongoose, pandas, NumPy, Matplotlib

Problem Solving: DSA

EXTRAS/Co-CURRICULAR

Hackathons: Participated in HackSlash Hackathon at NIT Patna.

Succesfully cleared Idea selection and MVP design rounds.

Soft Skills: Visionary leader, Good Communicator