

Pabitra Sahoo

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PROFILE

Motivated software developer driven by curiosity and a love for creating meaningful digital experiences. Skilled in building efficient, scalable applications and always eager to learn, collaborate, and contribute to impactful projects.

WORK EXPERIENCE

Nirmalya Labs

Full Stack Development Intern

06/2025 – 09/2025
Bhubaneswar

- Contributed to a Healthcare ERP system using Java 8 and Spring Boot 2.5, improving API performance and response time by 28–35%.
- Designed and contributed to a Blood Bank Management & Reporting System using jQuery, HTML5, and CSS3, improving workflow speed and reducing manual effort by 40%.
- Developed and integrated RESTful APIs, improving system reliability and ensuring smooth frontend-backend communication.
- Performed data entry validation, module testing, and UI flow enhancements, reducing data inconsistencies by 30% and improving overall user experience.

PROJECTS

Blood Bank Management System - Nirmalya labs (Internship Project)

- Developed end-to-end modules for donor registration, blood inventory tracking, and request approval using Java and Spring Boot, improving module efficiency by ~25%.
- Built RESTful APIs for secure and efficient data communication between modules, reducing API response time by 20–30%.
- Implemented advanced tabular views using AG Grid (filtering, sorting, pagination, dynamic columns), enhancing data navigation speed by 40%.
- Created interactive jQuery-based forms with live validation and AJAX, reducing manual input errors by ~35% and improving form submission speed by ~50%.
- Collaborated with team members to debug UI issues and optimize performance, decreasing UI load time by 15–20%.

Card Matching Game (HTML, CSS, JavaScript)

- Designed a fully responsive game board using HTML5 and CSS3 Grid, improving layout adaptability across 10+ screen sizes.
- Implemented smooth card-flip animations, match detection, and transitions, enhancing gameplay fluidity by ~40%.
- Developed complete game logic in JavaScript including shuffling, move tracking, timer handling, click-disable behavior, and restart flow, reducing logic errors by ~30%.
- Added a winning popup/message and scoring system, increasing user engagement and replayability by ~25%.
- Optimized the UI for mobile, tablet, and desktop devices, achieving a 100% responsive experience.
- Improved DOM performance through optimized event handling and rendering, reducing unnecessary reflows by ~35%.
- Wrote clean, modular JavaScript functions with comments, improving code readability and maintainability by ~50%.

EDUCATION

Regional College of Management

Master of Computer Applications

2024 – Present
Bhubaneswar

F. M. University

B. Sc. in Zoology

2021 – 2024
Balasore

SKILLS

Technical Skills

- Frontend:** JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap 5, jQuery 3.6
- Backend:** Java, Spring Boot, REST APIs
- Database:** SQL
- Tools & Platforms:** Git, GitHub, VS Code, IntelliJ, Postman

Soft Skills

Collaboration, Communication, Problem Solving, Debugging, Adaptability, Ownership, Time Management

LANGUAGES

English, Hindi, Odia(Native), Bengali