Ramyarankita Senapati

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Highly motivated and detail-oriented individual with a passion for Software developer, seeking an entry-level opportunity to work on challenging projects, collaborate with experienced developers, and expand my skill.

EDUCATION

Niis Institute of Business Adminstration,Bhubaneswar (2023 - 2025)
8.82
Master of Computer Applications

Utkal University (2019 - 2022)
8.86
Bachelor of Science, Mathematics

Salipur Higher Secondary School 12th, Science (2017- 2019)
71.5%

Malihasuni Bidyapitha,Garagali (2017)
10th, BSE, Odisha
84.4%

SKILLS

Programming Languages: C, Java, Javascript, PHP

Frameworks : Springboot,Laravel, Bootstrap

Web Technologies: HTML, CSS

Database: SQL (MySQL, MongoDB,Oracle)

Other Skills : Data Structures and Algorithms, Open AI

LANGUAGES

English
Advanced

Hindi
Advanced

Odia
Advanced

Education Management System

Tech Stack: Java, Spring Boot, MySQL, HTML, CSS, Bootstrap

Description:
 Developed a full-stack web application to manage educational workflows such as student enrollment, course management, and grading systems.

Key Responsibilities & Features:

- Designed and implemented RESTful APIs using **Spring Boot** to handle student and teacher records.
- Created responsive user interfaces using **HTML**, **CSS**, and **Bootstrap** to ensure accessibility across devices.
- Used **MySQL** for backend data storage and implemented complex queries to manage relational data.
- Built authentication and authorization features to secure access for students, teachers, and administrators.
- Applied MVC architecture for clean separation of concerns and better maintainability.

Outcomes:

- Improved administrative efficiency by automating key education processes.
- Supported real-time CRUD operations for seamless data management.

Shopping Cart Web Application

Tech Stack: PHP, Laravel, MySQL, HTML, CSS, Bootstrap

Description:
 Developed a dynamic e-commerce shopping cart system that enables users to browse products, manage a cart, and complete secure checkouts.

Key Responsibilities & Features:

- Built backend functionality using **Laravel (PHP)** to handle product listing, cart management, and order processing.
- Designed responsive, mobile-friendly user interfaces using **HTML**, **CSS**, and **Bootstrap**.
- Integrated **MySQL** database to manage product inventories, user data, and order history.
- Implemented user authentication, session handling, and role-based access control.
- Enabled real-time cart updates, quantity changes, and price calculations.
- Utilized Laravel's Eloquent ORM to streamline database interactions and improve code maintainability.

Outcomes:

- Delivered a fully functional e-commerce solution with seamless shopping experience.
- Increased usability and performance through clean UI and optimized queries.

Leave Management System

Tech Stack: Java, Spring Boot, MySQL, HTML, CSS, Bootstrap

Developed a web-based Leave Management System to streamline leave requests and approvals within an organization.

- Built backend REST APIs using **Java** and **Spring Boot** for handling employee leave requests, approvals, and leave balances.
- Designed responsive front-end interfaces using **HTML**, **CSS**, and **Bootstrap** for user-friendly interaction.
- Integrated **MySQL** for persistent data storage including user data, leave history, and approval status.
- Implemented authentication and role-based access control (Admin, Manager, Employee).
- Ensured validation and error handling for forms and database transactions.
- Used **MVC architecture** to maintain clean code structure and modularity.

Impact: Reduced manual HR workload by automating leave tracking and approval processes.

Hospital Management System

Tech Stack: PHP, Laravel, MySQL, HTML, CSS, Bootstrap

Developed a web-based Hospital Management System to streamline hospital operations such as patient registration, appointment scheduling, staff management, and billing.

- Built backend functionality using **PHP** with the **Laravel** framework, utilizing Laravel's routing, ORM (Eloquent), and middleware for clean and secure architecture.
- Designed a **responsive user interface** using **HTML**, **CSS**, and **Bootstrap** for both hospital staff and admin users.
- Implemented **MySQL database** to manage and store records of patients, doctors, appointments, prescriptions,

and billing.

- Integrated **role-based access control** for Admin, Doctor, Nurse, and Receptionist using Laravel's built-in auth system.

- Developed modules for **patient admission/discharge**, doctor schedules, medical history tracking, and invoice generation.

- Followed **MVC architecture** and best practices to ensure maintainability and scalability.

- Validated user input and handled exceptions to ensure data consistency and system reliability.

Impact: Reduced manual errors, improved patient data management, and increased administrative efficiency through automation.

Bank Management System

Tech Stack: Java, Spring Boot, MySQL, HTML, CSS, Bootstrap

Designed and developed a secure web-based Bank Management System to handle core banking operations such as customer management, transactions, account details, and loan processing.

- Developed backend services and RESTful APIs using **Java** and **Spring Boot** for managing customer accounts, fund transfers, and transaction history.

- Built interactive, responsive front-end interfaces using **HTML**, **CSS**, and **Bootstrap** for users and administrators.

- Used **MySQL** to manage relational data such as customer profiles, account types, balances, and transaction logs.

- Implemented **role-based authentication** (Admin, Customer) using **Spring Security** for secure access to different system functionalities.

- Integrated features like **account creation**, **balance inquiry**, **fund transfers**, **loan application**, and **transaction history tracking**.

- Followed **MVC architecture** to maintain separation of concerns and scalable code design.

- Added data validation, input sanitization, and error handling to enhance security and user experience.

Impact: Helped simulate real-world banking operations, enhanced understanding of enterprise application development, and demonstrated secure transaction processing.

DECLARATION:

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Place :- Bhubaneswar

Signature :- Ramyarankita Senapati