



RECHELLE BORBE

Information Systems Student
Web Systems Developer

Contact

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PROFESSIONAL SUMMARY

Information Systems student with hands-on experience in developing full-stack web systems including inventory management, online ordering, reservation platforms, and RESTful APIs. Skilled in both frontend and backend development, database design, and system logic. Experienced in individual and group projects, including leadership roles, with a strong focus on learning, growth, and real-world application.

TECHNICAL SKILLS

Programming & Web Technologies

- HTML5, CSS3, JavaScript, PHP, Python, Node.js

Databases

- MySQL, MongoDB (Atlas)

Frameworks & Libraries

- React.js, Express.js, Bootstrap, Tailwind CSS

Tools & Platforms

- Git & GitHub, VS Code, XAMPP, MySQL Workbench, Thunder Client

Concepts

- RESTful APIs, JWT Authentication, Role-Based Access Control, CRUD Operations, Basic Analytics

EDUCATION

Bachelor of Science in Information Systems (BSIS)

Bicol University Polangui

ACADEMIC & PERSONAL PROJECTS

Inventory Management System

Group Project – Team Leader

- Designed a comprehensive system to track, analyze, and optimize inventory operations
- Implemented business intelligence reports for stock movement, trends, and forecasting
- Optimized database performance using indexing, batch processing, and query optimization
- Integrated secure authentication, role-based access, and backup/recovery mechanisms

Technologies: PHP, MySQL, Python, Faker Library, JavaScript, Bootstrap

Dough-to-Door Online Ordering System

Group Project – Team Leader

- Developed a complete e-commerce system for a bakery business with customer and admin interfaces
- Implemented shopping cart functionality with real-time price calculations
- Built secure user registration, login, and order history tracking
- Created an admin dashboard with full CRUD operations for products, categories, and orders

Technologies: PHP, MySQL, HTML5, CSS3, JavaScript, XAMPP

FlexiBook Salon Reservation System

Group Project – Frontend Developer

- Developed the frontend of a real-time salon appointment booking system using React
- Implemented responsive UI components for booking, dashboards, and user interaction
- Integrated live availability calendars and analytics visualizations

Technologies: React.js, Node.js, Express.js, MongoDB, JWT Authentication, Chart.js

ShopHub – Full-Stack E-commerce & API System

Individual Project

- Built a full-stack e-commerce system from scratch focusing on RESTful API design
- Implemented JWT-based authentication with protected routes
- Designed role-based access control for User, Seller, and Admin roles
- Developed CRUD APIs for users, products, and categories

Technologies: React.js, Node.js, Express.js, MongoDB Atlas, JWT Authentication, Tailwind CSS



LEADERSHIP & TEAM EXPERIENCE

- Team Leader for 3 major system development projects (5-6 members each)
- Managed project timelines, task distribution, and system integration
- Actively contributed to both frontend and backend development in group settings
- Led system presentations and project demonstrations