Rey O. Solamillo

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https://github.com/B3424231 | https://reysolamillo123.github.io/PortfolioRey/

PROFESSIONAL SUMMARY: Motivated and detail-oriented **Full Stack Developer** and recent Computer Science graduate with a strong foundation in the **MERN stack (MongoDB, Express.js, React, Node.js)**. Proficient in building responsive web applications, managing relational databases (**PostgreSQL**), and writing clean, maintainable code. Passionate about continuous learning, recently completing intensive certifications in web design and database management. Eager to contribute to a dynamic development team.

TECHNICAL SKILLS

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, Responsive Design.
- **Backend:** Node.js, Express.js, Python, RESTful APIs.
- **Databases:** MongoDB, PostgreSQL, SQL.
- **Tools & Version Control:** Git, GitHub, VS Code, Command Line (Bash/CMD), Postman.
- **Concepts:** OOP, MVC Architecture, DOM Manipulation, Database Normalization, Unit Testing.

PROJECTS

Book Inventory Management System | *JavaScript, HTML, CSS*

- Developed a dynamic web application to track book inventories, featuring functionalities to add, update, and categorize items.
- Implemented complex JavaScript logic to handle data processing and ensure inputs met strict validation criteria (passing specific test cases).
- Utilized DOM manipulation to update the user interface in real-time without page reloads.

Personal Portfolio Website | *HTML5, CSS3, JavaScript*

- Designed and deployed a fully responsive personal portfolio to showcase technical projects and certifications.
- Implemented advanced CSS styling (Flexbox/Grid) to ensure cross-device compatibility and accessibility.
- Integrated a contact form and dynamic gallery sections.

Relational Database Projects (Celestial Bodies & Mario DB) | *PostgreSQL, SQL, Bash, MongoDB*

- Built robust relational databases using PostgreSQL, defining complex schemas with primary/foreign keys to manage data relationships.
- Executed advanced SQL queries for data insertion, modification, and retrieval within a Linux/Bash environment.
- Completed rigorous script-building tasks to automate database creation, demonstrating strong backend logic.

Survey Form Application | *HTML5, CSS3*

- Built a responsive data collection form adhering to accessibility standards.
- Implemented form validation to ensure data integrity before submission.

EDUCATION

Bachelor of Science in Information Technology Davao Del Norte State College, Panabo City, Davao Del Norte June, 2023 – June, 2027

CERTIFICATIONS

- **Responsive Web Design Certification** – freeCodeCamp (300 hours)
- **Relational Database Certification** – freeCodeCamp (300 hours)