CARLO JOSHUA B. ABELLERA

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CAREER SUMMARY

BS Information Technology graduate with hands-on experience developing web and mobile projects using JavaScript, PHP, and MySQL. Passionate about creating clean, responsive user interfaces and learning the fundamentals of efficient back-end systems. Developed strong troubleshooting and process optimization skills through an IT internship in workflow automation. Eager to contribute to a development team and grow in modern web frameworks as a Junior Developer.

TECHNICAL SKILLS

Front-end

Proficient in HTML, CSS, and JavaScript; familiar with Bootstrap, Tailwind CSS, and React.

Back-End:

Experienced with PHP and MySQL; some exposure to Firebase.

Programming Languages:

Basic knowledge of Java, Python, C, and C++.

Tools

Worked with Github, VS Code, and Android Studio

ACADEMIC PROJECTS

EARIST CCS Department Freshman Screening Website

Sep 2024 - Dec 2024

Contributing Developer

- Collaborated in planning the system layout and defining features to ensure a structured and user-friendly interface for both applicants and instructors.
- Assisted in debugging and troubleshooting PHP and MySQL components, identifying and resolving logic and database errors.
- Fixed front-end display and functionality issues to ensure consistent and error-free user experience.
- Participated in system testing and documentation, reporting issues and proposing solutions during the user acceptance phase.
- Contributed to a web-based platform that centralized freshman screening processes, integrating exam, coding assessment, and interview modules to improve accessibility and reduce manual work for enrolling officers.

Best Aluminum Sales Corps. Integrated Systems

Oct 2024 - Jan 2025

Project Lead & Developer

- Led a team of four in developing a web-based inventory, sales, and supply chain management system aimed at minimizing discrepancies and improving visibility of stock movements across departments.
- Planned the overall system architecture and user interface, defining modules for sales, supply chain, and inventory management with role-based access control.
- Developed the database schema and core functionalities using PHP, MySQL, HTML, CSS, and JavaScript to support real-time tracking and data synchronization.
- Created user interface layouts and interactive components to ensure usability and clear data presentation for different user roles.
- Coordinated task assignments, guided team progress, and handled debugging and testing phases to ensure stable system performance.
- The project demonstrated how digital tracking could streamline manual processes, enhance accuracy, and support decision-making for the particular branch company.

Class Funds – A Digital Wallet Mobile App

Project Lead & Developer

- Conceptualized and developed a digital wallet mobile app designed to help classrooms manage shared funds, track contributions, and monitor balances for activities and projects.
- Designed the UI layout, app color palette, and branding elements using Canva, ensuring a consistent and engaging user experience.
- Integrated Firebase for data storage and synchronization between user accounts, handling structure setup and implementation through Android Studio.
- Collaborated with team members in feature planning and testing, ensuring functional interfaces and data flow despite a limited project timeline.
- Demonstrated initiative in creating a functional prototype inspired byGcash, tailored for academic use.

GameSpace - A Tech-Focused E-Commerce Website

Nov 2023 - Dec 2023

May 2024 - Jun 2024

Project Lead & Developer

- Designed and developed a space-themed e-commerce prototype showcasing tech products, focused on clean UI layout and intuitive navigation.
- Implemented user authentication and session handling using PHP and MySQL to demonstrate backend functionality.
- Led overall design direction and content structuring, ensuring clarity, accessibility, and visual appeal.
- Applied PHP fundamentals learned in coursework to manage basic user interactions within a dynamic web environment.

WORK EXPERIENCE

Transfer It March 2025 – May 2025

IT Intern

- Assisted in maintaining and troubleshooting computer systems, handling software installations, reformatting, and configuration of company-standard applications and security tools.
- Provided remote and on-site technical support to staff across multiple branches, resolving system issues and managing IT tickets under supervision of the Office of the President.
- Collaborated with executives and IT staff to verify and update digital asset records, ensuring data accuracy within the internal company portal.
- Explored and tested AI-powered workflow tools for the Creative Department, preparing progress reports and presentation slides for executive meetings.
- Gained exposure to company web systems and internal dashboards, observing user interface flow and functionality to understand practical design and usability considerations.

EDUCATION

Eulogio "Amang" Rodriguez Institute of Science and Technology

Oct 2021 - Aug 2025

Bachelor of Science in Information Technology Graduated with a GWA of 1.565