

Joaquin Sebastian M. Macol

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Education

Polytechnic University of the Philippines

Bachelor of Science in Information Technology

Manila, Philippines

2021-2025

Relevant Coursework: Web Development, Application Developer and Emerging Technologies

- Magna Cum Laude
- President's Lister (2021 – 2025)

Skills

Technical: HTML, CSS, JavaScript, React JS, PHP, MySQL, Python, Java, Tailwind CSS

Tools: VSCode, Github, JIRA, XAMPP, MS Teams, Microsoft Office, Google Workspace

Strengths: Team Oriented, Problem-Solving, Critical Thinking, Willingness to Learn, Detail-oriented

Experience

SMESoft Inc.

Makati, Philippines

Back-End Developer Intern

March – June 2025

- Took initiative to contribute extensively to front-end development by translating Figma UI designs into responsive web pages using HTML, CSS, JavaScript, and Twig, becoming a key front-end contributor while continuing to fulfill assigned back-end responsibilities.
- Improved cross-browser and cross-device user experience by implementing pixel-perfect, accessible UI components based on Figma mockups, enhancing overall interface quality and consistency.
- Assisted in creating the MySQL database schema and managing data flow through PHP integration, ensuring proper handling of dynamic data and supporting the back-end functionality of the system.
- Maintained development efficiency and code quality by using Visual Studio Code and XAMPP as the local environment for testing and debugging.
- Collaborated in an Agile-like workflow through regular stand-ups and real-time issue resolution, promoting adaptability and development efficiency.

Projects

Appointment Management System

- Contributed to the development of a web-based appointment and scheduling system using HTML, CSS, JavaScript, and PHP, focusing on the front-end interface for client, user, and admin roles.
- Developed responsive interfaces with JavaScript validation to ensure accurate inputs and smooth, reliable booking experiences for all users.
- Developed an interactive calendar feature that allowed users to click on specific dates to view scheduled appointments and related details in a dynamic side panel, enhancing user experience and functionality.

To Do List (Productivity Web App)

- Built a task management app using React JS with features like adding/editing tasks, setting deadlines, and filtering by week or month.
- Integrated a Pomodoro timer on a separate tab to support focused work sessions.
- Added calendar view and weekly progress tracker to visualize completed vs. remaining tasks.
- Utilized LocalStorage to persist task data and ensure seamless user experience across sessions.

Workout & Exercise Web App

- Developed a responsive fitness app using React JS and Tailwind CSS with dynamic workout generation based on user-selected type, target muscles, and goals.
- Implemented interactive UI components for workout customization and exercise selection from a predefined dataset.
- Utilized LocalStorage to persist user-generated workouts and support personalized experiences without a backend.