

PATRICK BENEDICT P. LIRIO

Address: Taguig City, Philippines

Email: pbenedict.lirio@gmail.com

Contact Number: +639274056590

LinkedIn: [patrick-benedict-lirio/](https://www.linkedin.com/in/patrick-benedict-lirio/)

PROFESSIONAL SUMMARY

Detail-oriented Junior Developer with hands-on experience in full-stack development. Proven ability to lead and complete solo development projects, including hospital websites and clinical documentation systems. Adept in Laravel, Livewire, React Js, Tailwindcss, Html, JavaScript, css, C#, PHP and C++, with a strong foundation in hardware-software integration.

WORK EXPERIENCE

Junior Software Developer, One Document Corporation Inc. – Aug. 29 2024 – Present

- Developed front-end components for a Patient Healthcare Management System using React.js and Tailwind CSS, implementing state and lifecycle management through React Hooks.
- Solely led the development of Julius K. Quiambao Medical & Wellness Center Hospital website with a custom CMS, enabling the marketing team to manage content independently, and successfully deployed the website.
- Integrated Google Analytics for monitoring user engagement and website performance.
- Developed front-end components for a hospital clinical documentation system using Laravel, Livewire, and Bootstrap to simplify in-patient and out-patient record-keeping.
- Experience in deploying static and dynamic websites through hosting sites like hostinger, Vercel, and Netlify. Familiar with DNS configuration, domain linking, and CI/CD integration.

Technology Operations Intern, Coca-Cola Beverages Philippines Inc. – Feb 2024 – May 2024

- Developed a web-based application for IT asset management to track IT resources, utilizing React.js with Material UI for the frontend and Node.js with Express for the RESTful API, enhancing asset visibility across departments.
- Supported data encoding and validation tasks with high accuracy and efficiency.

Associate Consultant (Client Service Jr. Agent), CGI Philippines Inc. – Aug 2023 – Feb 2024

- Supported Canadian financial advisors by processing stock-related transactions and managing client accounts.
- Maintained a 100% task accuracy rate and was ranked in the **Top 3 Agents** during the first month.

- Handled all inbound and outbound emails with accurate documentation and prompt turnaround times.

TRAININGS & CERTIFICATIONS

Back-End Web Development – *Bayan Academy Nov 25 – Dec 12, 2024*

Intermediate Front-End Web Development – *Bayan Academy Feb 9 – Feb 28, 2022*

Introduction to Python – *DataCamp Bootcamp Jan 22, 2022*

Intermediate SQL Queries – *DataCamp Bootcamp Jan 18, 2022*

SKILLS

Languages: C++, Java, Python, JavaScript, HTML, CSS, PHP, C#

Frameworks/Libraries: Laravel, React.js, Bootstrap, jQuery, Tailwindcss

Databases: MySQL, MSSQL, Django ORM

Tools & Platforms: Arduino, MATLAB, Git, AutoCAD, MS Word/Excel

Web Deployment & Hosting: Netlify, Vercel, Hostinger, GitHub Actions

ACADEMIC PROJECTS

Muklat: Smart Assistive Mobility Aid Eyewear (*Python, C++, Embedded Systems*)

- Designed to assist visually impaired individuals through obstacle detection and voice feedback.
- Utilized Python for object detection, RoboFlow for model training, and C++ for microcontroller integration.
- Led a 5-member team from planning to deployment, using an Agile-inspired development cycle.
- Oversaw hardware-software integration, testing, and user feedback collection despite challenges in respondent availability due to health precautions.

- Coordinated component sourcing, system calibration, and field testing to ensure functionality and user safety.
- Focused on accessibility, real-world applicability, and future scalability of the assistive technology.

PCHub – Point of Sale System (*Java GUI*)

- Contributed to a Java-based POS system with features such as real-time inventory tracking, sales reports, and user-friendly interface.

Arduino-Based Watering and Monitoring System (*C++, Embedded Systems*)

- Created an automated irrigation system using real-time soil moisture monitoring to optimize water usage.

Automated Coin Counting & Sorting with IoT (*Python, C++*)

- Developed a system to count and sort new Philippine peso coins, reducing manual labor in stores and banks.

EDUCATION

Bachelor of Science in Computer Engineering

Pamantasan ng Lungsod ng Maynila — *October 2020 – September 2024*

I do hereby declare that all information above is true and correct to the best of my knowledge.



PATRICK BENEDICT P. LIRIO

Applicant