

JOHN PAULO S. PATAYON

FULL-STACK DEVELOPMENT | IT SUPPORT

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PROFESSIONAL SUMMARY

Full-stack developer and IT support technician with experience building web applications, supporting workplace IT, and developing embedded systems. Skilled in React, Next.js, Node.js, and relational databases, with a focus on practical business solutions.

WORK EXPERIENCE

IT Support Technician

July 2026 - Present

Shadow Office Solutions | Cavite, Philippines

- Developed ITAM, an internal web application for managing IT assets, seat assignments, and inventory records.
- Image, configure, and deploy laptops, desktops, and peripherals across three office sites for employee onboarding.
- Troubleshoot hardware, software, and network issues through the ticketing system; document actions taken.
- Set up and relocate workstations, manage cabling, and maintain equipment records from procurement to deployment.

ICT Intern

March - May 2026

Clay Technologies Development Corporation | Mandaluyong City, Philippines

- Supported LAN reliability, system setup, and troubleshooting for daily office operations.
- Refactored legacy PHP code, validated file uploads, and deployed the application to a production server.

TECHNICAL SKILLS

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

Web & frameworks: React, Next.js, Node.js, Express.js, Laravel, Tailwind CSS, .NET Framework

Databases & ORM: PostgreSQL, MySQL, SQLite, Prisma ORM

Tools & platforms: Git, GitHub, VS Code, Docker, Figma, Vite, Cloudflare, Azure

Computer vision & embedded systems: MediaPipe, Raspberry Pi, Arduino, ESP32

PROJECTS

PesoPilot | Personal Finance Web & Mobile Application

Built a full-stack app with Next.js, Node.js/Express, PostgreSQL, and Prisma ORM, featuring JWT authentication, multi-wallet tracking, budget monitoring, and Recharts spending dashboards.

Wedding RSVP Website

Developed a full-stack website for RSVP collection and guest management, with real-time response tracking, guest filtering, and centralized records.

SignoSalin | Filipino Sign Language Translator

Built a handheld system that translates FSL gestures into text and speech into animated signs, using computer vision and machine learning for real-time gesture recognition.

GLUCS | Gas Leak Detection & Safety System

Developed an IoT system with gas sensors, automated exhaust activation, valve shutdown, real-time alerts, and remote monitoring.

Solar Seeker | Arduino Light-Tracking System

Built an Arduino prototype using photoresistors and a servo motor to detect light direction and adjust alignment automatically.

EDUCATION

Bachelor of Science in Computer Engineering

2022 - 2026

National University - Dasmariñas