

JOHN PHILIP R. OROGO

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PROJECTS

CGOC Service Desk – IT Ticketing System | React, Tailwind.CSS, Node.Js, Express.js, React, MSSQL

- Engineered a role-based IT service desk frontend that centralizes ticket submission, assignment, tracking, and resolution for employees, IT members, IT heads, and administrators.
- Implemented secure authentication, permission-based route protection, token refresh, notifications, attachment handling, and responsive dashboards with real-time operational metrics.
- Developed ticket management workflows including search, filtering, technician assignment, priority and status updates, bulk resolution, user administration, and audit logging.

CGOC IT Inventory system – Android XML , Node.js, Express.js, Sequelize, MSSQL

- Developed a native Android inventory management application for tracking IT assets, stock levels, inventory movements, and equipment disposal workflows.
- Implemented REST API integration, role-based access, offline item creation, image capture, notifications, and background synchronization using Retrofit, Room Database, and WorkManager.
- Built inventory dashboards and reports for stock movement, low-stock assets, categories, locations, and disposal status, improving visibility of IT asset operations.

Android TV Launcher Automation and Deployment Tool | Python, PySide6, ADB

- Built a Python/PySide6 desktop GUI that uses ADB to configure Emotn UI as the HOME launcher on supported Android TV devices.
- Automated device connection, launcher configuration, APK installation, and version checks, with technician diagnostics and recovery options.

TECHNICAL SKILLS

FRONTEND: Python, Next.js, React, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Flutter

BACKEND & DATABASES: Node.js, Express.js, Sequelize, REST APIs, Microsoft SQL Server, MongoDB, Supabase

TOOLS & DEVOPS: Git, GitHub, VS Code, Android Studio, Bruno, Table plus

WORK EXPERIENCE

IT intern — Bewell Nutraceuticals Corporation

2025/2026

Provided technical support and IT system assistance across hardware, software, networking, database management, and application development.

- Resolved computer, software, hardware, and basic network issues, minimizing downtime and keeping daily operations running smoothly.
- Configured and assembled desktop computers, installed required software, and performed system updates to ensure reliable and operational workstations.
- Maintained and updated IT records and database information, improving data accuracy, organization, and accessibility.
- Supported internal system development by assisting with backend APIs, database integration, Jotform workflows automations, and application testing.

Freelance Software Developer | Projectbased

2026 - present

- Developed client web solutions and desktop automation applications using Python, PySide6, and ADB.
- Handled client requirements, feature development, testing, debugging, and deployment guidance

EDUCATION

Polytechnic University of the Philippines

2023 – Expected Graduation: 2027