

John Berlyn F. Isip

SENIOR FULL-STACK DEVELOPER · ENTERPRISE PLATFORMS · WORKFLOW AUTOMATION

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PROFILE

Senior full-stack developer with 13+ years owning systems end to end — requirements and architecture through delivery, release, and production support. Depth across the back end (Python/Django, C#/.NET, Node.js, Laravel), the front end (Vue 3, React, SvelteKit, TypeScript), and the automation layer between them: workflow platforms, background job pipelines, and Oracle/PostgreSQL/SCADA integrations. Nine years inside the Philippines' national grid operator, now leading internal application delivery, plus three fully remote senior roles on healthcare, investigation, and real-estate platforms. Ships AI-supported document processing in production and treats agent-assisted development as a standard part of delivery.

TECHNICAL SKILLS

Primary stack	Python · Django · TypeScript · JavaScript · Vue 3 · SvelteKit · React · Node.js · PostgreSQL · Oracle
Also production-proven	C# · .NET MVC · PHP / Laravel · Flutter / Dart · AngularJS · jQuery · Tailwind · Bootstrap
Data	PostgreSQL · Oracle DB · MSSQL · MySQL · MongoDB · SQLite / Drift
APIs & architecture	REST · GraphQL · CQRS · background job processing · event messaging (SNS / SQS) · SSO / Active Directory
Cloud & infrastructure	AWS (EC2, RDS, SQS, SNS) · Azure · Windows Server · CI/CD · Git
Automation & AI	n8n workflow automation · scheduled & background pipelines · SCADA and operational data integrations · AI-supported document processing · agent-assisted development (Claude Code, Codex, Copilot)
Practice	Full SDLC ownership · stakeholder & requirements work · code review · QA and DevOps process improvement · ISO-aligned process design · mentoring

PROFESSIONAL EXPERIENCE

Lead Specialist — Resource Optimization & Market Interface	Jul 2024 – Present
National Grid Corporation of the Philippines · Quezon City	
Operator of the Philippines' national electricity transmission grid · internal software delivery & automation	
- Lead internal application delivery for the department, owning the full SDLC — requirements with business stakeholders, architecture, build, release, and production support. - Architected and built a modular Django enterprise platform that consolidates manual operational processes into configurable workflow modules, with background processing and live integrations against PostgreSQL and Oracle systems of record on Windows Server infrastructure. - Delivered AI-supported document processing inside the platform to extract and route information from recurring compliance and reporting documents. - Drive ISO-aligned process improvement across business workflows, compliance activities, operational reporting, and team productivity. - Modernize legacy internal tools onto current Python/Django, Node.js, and SvelteKit stacks, and raise SDLC, QA, and DevOps standards (code review, CI/CD, release discipline) for the team.	

Senior Software Engineer

Oct 2023 – Apr 2024

Realtair, Inc. · Remote

- Developed and maintained the **Deposits application** across a C#/.NET MVC and React/TypeScript stack on MSSQL, taking business-critical defects from triage through to production fix.
- Reviewed and improved the **AWS SNS/SQS messaging path**, EC2/RDS infrastructure, and CI/CD pipelines for application stability and runtime performance.

Senior Full-Stack Developer

Feb 2023 – Sep 2023

GoTeam / Comtrac · Remote

- Built new modules and resolved defects across the **full stack** of an **Investigation Management platform** — Vue 3 front end against C#/.NET services on Azure — acting as the team's go-to developer for the front end.
- Extended the platform's **CQRS-based application architecture** within an Azure CI/CD and Git workflow.

Senior Full-Stack Developer

Sep 2022 – Feb 2023

Theoria Medical · Remote, USA

- Built the internal **content management system** end to end for clinical and operations staff — React/TypeScript front end against **GraphQL** services on MongoDB.
- Delivered supporting operational scripts alongside the CMS; both remained in use after the engagement ended.
- Mentored a junior developer through informal code review and day-to-day guidance.

Lead / Senior Specialist — Software Development

Jan 2016 – Sep 2022

National Grid Corporation of the Philippines · Quezon City

- Led enterprise application development and **legacy modernization** programs, including Single Sign-On / Active Directory, Market Data Interchange, and Project Sentinel.
- Delivered the **5-Minute Real-Time Dashboard** initiative and operational applications integrating **SCADA** data for time-critical grid monitoring.
- Owned the full SDLC for a portfolio of internal micro-apps, **background job automation**, and operational platforms on Laravel, Vue.js, Node.js, Oracle, MongoDB, and Bootstrap.

Software Developer — earlier roles

2013 – 2015

Teradata · Commission on Audit · NGCP

- Delivered enterprise and government systems on C#/.NET MVC, MSSQL, AngularJS, JavaScript, jQuery, and Bootstrap.

SELECTED ENGINEERING HIGHLIGHTS

Enterprise Operations & Process Automation Platform Django · PostgreSQL · Oracle · Windows Server

Modular enterprise platform combining configurable workflow modules, background processing, and AI-supported document processing, integrated live with PostgreSQL and Oracle systems of record.

Cross-Platform Business & Inventory Applications Flutter · Dart · Drift / SQLite

Windows and Android applications for product, inventory, and operational workflows, built local-first on Drift/SQLite with a sync-oriented architecture for unreliable connectivity.

EDUCATION & CREDENTIALS

BS Information Technology

2009 – 2013

Polytechnic University of the Philippines — Quezon City

Career Service Professional Eligibility — Civil Service Commission, 2014 · Rating 85.23

Early recognition: Lead Programmer, Software Research Group · Student IT Instructor