

Jan Lynnel F. Balitaan

Senior Fullstack Application Developer

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Open to remote and relocation opportunities

Nationality: Filipino · Notice period: negotiable · Open to on-site, hybrid and remote

PROFESSIONAL SUMMARY

Senior Fullstack Application Developer with 9+ years building backend services, APIs and automation platforms in telecom, fintech, retail and SaaS. Currently building network automation and agentic AI systems at Quantrics Enterprises (Bell Canada). Deep Python (FastAPI, Flask, Celery) with production TypeScript, Java and Vue/React; strong in system architecture, PostgreSQL design, multi-protocol APIs (REST, GraphQL, gRPC), CI/CD on OpenShift and GitLab, and application security. Former Team Lead and Product Owner.

KEY ACHIEVEMENTS

- Develop and maintain a device configuration backup and compliance platform serving Bell Canada network operations (Python, Flask, Celery, PostgreSQL, OpenShift).
- Built an agentic AI system that carries a Jira ticket through to a merged Telegraf configuration change, using Java, GitLab APIs and Google Vertex AI.
- Exposed a single domain over REST, GraphQL and gRPC for a Point-of-Sale web migration, letting web, in-store and service clients integrate on their own terms.
- Contributed to the team that worked toward an Electronic Money Issuer (EMI) license from the Bangko Sentral ng Pilipinas.
- Led the migration of a FinTech Android application to Huawei Mobile Services.
- Ran vulnerability assessments and penetration tests (Burp Suite, OWASP ZAP, sqlmap, Nikto) and fed the findings back into the codebase.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, SQL, PHP, Bash

Backend & APIs: FastAPI, Flask, Django, Celery, Spring Boot, Node.js/Express, gRPC, GraphQL, REST, OAuth 2.0

Frontend: Vue.js, React.js, Next.js, Electron

Data: PostgreSQL, MySQL, MSSQL, MongoDB, BigQuery, Schema design

Cloud & DevOps: OpenShift, AWS, GitLab CI/CD, GitHub Actions, Linux, Nginx, RabbitMQ, StackStorm

AI & Security: Agentic workflows, Vertex AI, Claude Code, GitHub Copilot, PyTorch, Penetration testing (Burp Suite, OWASP ZAP, sqlmap)

Practice: System architecture, API design, SAFe/Agile, Mentoring, Product ownership

WORK EXPERIENCE

Quantrics Enterprises, Inc. (Bell Canada)

Philippines · Telecommunications

Senior Fullstack Application Developer | June 2024 – Present

- Develop and maintain the device configuration backup and compliance platform used by network operations — Python, Flask, Celery and PostgreSQL on OpenShift.
- Rebuilt that platform's user experience around paginated APIs, server-driven datatables and asynchronous calls, replacing slow full-page loads with responsive views.
- Tuned StackStorm, MongoDB and RabbitMQ so the automation estate could absorb agentic and high-volume workflows.
- Created an agentic system that carries a Jira ticket through to an implemented Telegraf configuration change, using Java, GitLab APIs and Google Vertex AI.
- Shipped an AI-assisted desktop work assistant in Electron and TypeScript that brings Jira, GitLab merge requests, ServiceNow and Vacation Tracker into one window, cutting daily context switching for the team.
- Helped build a monitoring data-gathering tool: a microservice plus an installable cross-OS watcher agent that manages dynamic Telegraf configurations and certificates.
- Contributed to a universal web IDE that lets the operations team make configuration changes safely — TypeScript, Vue.js, Python and GitLab APIs.

HRS Marketing Pte Ltd.

Singapore (remote) · Food & beverage retail technology

Backend Developer | June 2021 – April 2024

- Created the Raptor Multi-Application Service and Raptor Accounting Service from the ground up in Python, FastAPI and PostgreSQL, including Xero and Mekari Jurnal integrations.
- Delivered the Next.js front ends for both Raptor services.
- Built the API layer of the Point-of-Sale web migration, exposing one domain over REST (FastAPI), GraphQL (Strawberry) and gRPC.
- Integrated the QSR Automations Kitchen Display System using Python and MSSQL.

ChatDaddy Inc.

Hong Kong (remote) · SaaS / conversational commerce

Senior Software Developer | September 2020 – May 2021

- Built and hardened the OAuth 2.0 authorization server in Node.js and Express.js with PostgreSQL.
- Developed the customer-facing dashboard in React.js.
- Improved the automated keyword-reply application (Python, Flask) and the campaigns service (TypeScript).
- Designed a multi-level conversational flow engine using spaCy and PyTorch.

Freelance / Independent Consulting

Remote · Multi-client

Software Developer | March 2019 – March 2022

- Designed and built a complete product suite for a private startup client.

- Developed the backend API for a Filipino-Chinese dating platform, one of the first dating sites in the Philippines, using Python 3, Flask and MySQL.
- Delivered a content-managed website for a clinical psychology practice in Australia using PHP and WordPress.
- Built a content management system for one of the largest IT organizations in the Philippines using PHP and WordPress.

Nessotech Inc.

Philippines · FinTech / e-money

Team Lead | January 2020 – August 2020

- Managed and mentored the development team through the FinTech mobile application revamp.
- Led backend optimization and the rollout of security patches across the FinTech application.
- Created a reporting dashboard in Python 3 and Flask with MySQL.
- Administered the GitHub repositories, Firebase console, Huawei Developer console and Google Play console.

Product Owner | November 2019 – December 2019

- Served as Product Owner for the payment gateway, coordinating the development team through delivery.
- Authored the API design, database design, process flows, system architecture and technical documentation.
- Ran the security review, end-to-end testing and end-to-end support for the gateway.

Android Developer | June 2018 – August 2020

- Built and shipped the company's FinTech Android application.
- Contributed to the team that secured an Electronic Money Issuer (EMI) license from the Bangko Sentral ng Pilipinas.
- Led the migration of the FinTech Android application to Huawei Mobile Services.
- Automated support, monitoring, report generation, data extraction and testing with Python 3 and MySQL.

Risingtide Mobile Entertainment Inc.

Philippines · Mobile entertainment / VAS

Software Developer | September 2017 – June 2018

- Developed an Account Management System in Python 3 and Django with MySQL, running on AWS EC2 and RDS.
- Built an SMS Gateway in Python 3, Perl and Java with RabbitMQ as the queuing layer.
- Delivered a Handset Delivery Android application and its Python 3 and Django backend with MySQL.
- Created a mobile number cleaning tool in Python 3 and Django with SQLite.

EDUCATION

FEU Institute of Technology

Manila, Philippines

Bachelor of Science in Information Technology | *August 2017*

Specialization in Web and Mobile Applications

- Academic Scholar, 1st year through 4th year (SY 2013-2017)
- Top Performing Student, 4th year (SY 2016-2017)

LANGUAGES

- **English:** Professional / full working proficiency
- **Filipino (Tagalog):** Native

REFERENCES

Available on request.