

Mark Wilson de los Reyes

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Professional Summary

A Software Engineer with over 3 years of experience in backend development, specializing in Java and Python. Skilled at designing scalable APIs, integrating third-party services, and maintaining legacy systems. Proven ability to collaborate with cross-functional teams to deliver web and mobile applications. Strong focus on clean code, documentation, and continuous improvement. Open to international relocation with eligibility for skilled work visa sponsorship.

Key Skills

Programming Languages: Java, Python, JavaScript, Dart, PHP

Frameworks: Springboot, Flask, Node.js, React, Flutter

Databases: MySQL, MariaDB, PostgreSQL

UI/UX Tools: Figma

Software and Technologies: HTML, CSS, Postman, Github/Gitlab, Subversion, Amazon Web Services (AWS), Bamboo, Datadog, Snyk, Jira

Other Skills: Agile Methodology, Technical Communication and Documentation, System Design

Professional Experience

DTN Philippines Inc. – Software Engineer

April 2024 to Present | Philippines

- Develop and maintain backend services using Java, Node.js, and PHP for consumer-facing web and mobile platforms (iOS & Android)
- Write test cases using JUnit and Mockito
- Support 6 million monthly Australian active users by ensuring and maintaining backend infrastructure
- Review and address customer support issues
- Ensure functionality of the CMS tool used by meteorologists to publish weather news content
- Integrate Apple News API, increasing content delivery efficiency for meteorologists
- Monitor system performance with Datadog and resolve incidents and support tickets efficiently
- Refactor legacy codebases for improved maintainability and setup dockerized environments
- Implement CI/CD pipelines via GitLab and manage version control using GitLab
- Produce technical documentation, architecture diagrams, and research reports for backend systems
- Collaborate with cross-functional teams and stakeholders across departments
- Comfortable working in multicultural, distributed teams across time zones

Solenergy Systems Inc. – Backend Developer

February 2023 to April 2024

Junior Backend Developer

February 2022 to February 2023

- Developed and maintained Python Flask-based API integrations with website and mobile apps
- Maintained Flask-based API for real-time data from over 50 IoT hardware devices across 15+ project sites enabling reliable data collection
- Designed and implemented relational database schemas using MySQL
- Optimized and refactored backend codebases for scalability and maintainability
- Managed cloud infrastructure using AWS services
- Integrated payment gateways and weather APIs for internal systems

- Wrote internal backend coding standards and comprehensive technical documentation
- Led the backend of two internal projects:
 - Envision Monitoring - web-based analytics for monitoring solar grid-level data
 - Envision EV - remote EV charger control system and monitoring

Cooee, Inc. — Back End Developer

Oct 2021 – December 2021

- Built and maintained websites using PHP, HTML, CSS, and JavaScript
- Created automation scripts using Puppeteer for backend data operations
- Integrated REST APIs for database communication

Realtair — Software Engineer Intern (Data Science)

June 2021 – July 2021

- Analyzed and organized structured data from internal databases
- Delivered actionable insights to stakeholders through data-driven presentations

EDUCATION

Mapúa University

August 2018 to December 2022

BS Computer Science

Specialization in Artificial Intelligence

Certifications

User Experience Design and User Interface Design - August 2025

GitLab CI/CD: Pipelines, CI/CD and Dev Ops for Beginners - July 2025

Machine Learning for Data Analysis: Classification Modeling - February 2025

Machine Learning for Data Analysis: Data Profiling and QA - January 2025

iOS App Development: Test-Driven Development - June 2022

Learning Design Thinking: Lead Change in Your Organization - June 2022

Node.js Essential Training (2019) - June 2022

Referees

Available upon request