

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 Tools: HTML, CSS, Postman, Github/Gitlab, Subversion, Amazon Web Services (AWS), Bamboo, Datadog, Snyk, Jira, AI-assisted development tools (Amazon Q, GitHub Copilot)
- Soft Skills: Adaptability, Communication, Cross-cultural teamwork, Continuous learning
- Other Skills: Agile Methodology, Technical Documentation, System Design, Unit Testing

Professional Experience

Software Engineer | DTN Philippines Inc. – Philippines

April 2024 to Present

- 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

Backend Developer | Solenergy Systems Inc. – Philippines

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 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 two internal projects:
 - Envision Monitoring - web and mobile - based analytics for monitoring solar grid-level data
 - Envision EV - remote EV charger control system and monitoring

Backend Developer | Cooee, Inc. - Philippines

October 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

Software Engineer Intern (Data Science) | Realtair — Philippines

June 2021 – July 2021

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

EDUCATION

Mapúa University - Philippines

August 2018 to December 2022

BS Computer Science - Specialization in Artificial Intelligence

Certifications

User Experience Design and User Interface Design - Udemy (August 2025)
 GitLab CI/CD: Pipelines, CI/CD and Dev Ops for Beginners - Udemy (July 2025)
 Machine Learning for Data Analysis: Classification Modeling - Udemy (February 2025)
 Machine Learning for Data Analysis: Data Profiling and QA - Udemy (January 2025)
 iOS App Development: Test-Driven Development - LinkedIn (June 2022)
 Learning Design Thinking: Lead Change in Your Organization - LinkedIn (June 2022)
 Node.js Essential Training (2019) - LinkedIn (June 2022)