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. Adept 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. Actively seeking opportunities with New Zealand accredited employers under the AEWV pathway.

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)
- 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
- Troubleshoot and monitor system performance using Datadog; resolve incident and support tickets
- Refactor legacy codebases for improved maintainability and setup dockerized environments
- Implement CI/CD pipelines via GitLab and manage version control using GitLab
- Collaborate with cross-functional teams and stakeholders across departments
- Produce technical documentation, architecture diagrams, and research reports for backend systems

Project: Weatherzone (Australia)

Solenergy Systems Inc. - Backend Developer　　　　　February 2023 to April 2024
Junior Backend Developer　　　　　　　　　　　　　　　February 2022 to February 2023
- Developed and maintained Python Flask-based APIs integrated with websites and mobile apps, processing incoming data from IoT hardware across 15+ solar project sites and over 50 devices
- Designed and implemented relational database schemas using MySQL
- Optimized and refactored backend codebases for scalability and maintainability
- Managed cloud infrastructure using AWS services: EC2, IAM, Lambda, RDS, S3, SES, VPC, and CloudWatch
- Integrated payment gateways and weather APIs for internal systems
- Authored internal backend coding standards and comprehensive technical documentation
- Led 2 major projects (Envision Monitoring and Envision EV)

Projects Handled - As a lead
- Envision Monitoring
- Envision EV

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

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