

# KIM ARIEL N. DEQUILLA

## SOFTWARE DEVELOPER

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### WORK EXPERIENCE

#### KCC Property Holdings Inc.

Jun 2024 - Present

##### Software Engineer

- Refactored 2 asp.net projects. Resolved 100% SonarQube issues such as code smells, bugs, duplications and complex functions with >80% code coverage.
- Implemented 150 unit test with MSTest.
- Developed a cronjob application with .NET 8 to sync data from Shopify Orders to existing wholesale system with 82 unit test.

#### Biotech Farms Inc.

Dec 2022 - Mar 2024

##### Front-end Developer

- Maintain and enhance Recruitment Tracking Application(VueJs) and Booking Management(ReactJs).
- Refactored Receipt Application System (VueJs) with 90% code coverage based on SonarQube and resolved 100% Issues.
- Implemented 250 new unit tests with Jest.
- Upgraded Node version from v11 to v18 and updated 80% of outdated packages.
- Implemented new feature a System Maintenance Notification applied to 4 existing web apps.
- Automate CI/CD workflows with GitHub Actions.

#### Soft Artifact Inc.

Sep 2020 - Sep 2022

##### Software Developer

- Developed and integrated Supply Chain Management (SCM) modules into a Java-based ERP system using Spring Boot, Hibernate, JPA, JavaFX and JavaScript.
- Implemented CI/CD pipelines and containerized deployments using Docker.
- Architected the Spring Boot API as microservices, organizing them by ERP modules to enhance scalability and modularity.

### FREELANCE WORKS

#### Queuing Management

A web-based application developed with VueJs for frontend and Express.js for backend, designed for efficient queue management and data entry, deployed successfully at a government agency to streamline operations and enhance service delivery.

#### Coffee Pest and Diseases Detection and Treatment Advisor App

I developed an Android application using Flutter, which integrates seamlessly with an ML.NET API to provide precise detection of coffee plant diseases. This project was a freelance engagement commissioned by a college student for use in their thesis.

#### Medication Request and Dispensing System

Developed a medication request and dispensing system using Flutter, seamlessly integrated with an Arduino device for automated medication management.

### EDUCATION

#### Bachelor of Science in Information Technology

June 2015 - April 2020

ACLC College of Marbel

### SKILLS

#### Programming Language

JavaScript, TypeScript,  
Java, C#, Dart, PHP

#### Frameworks

VueJs, ReactJs, .NET, Flutter,  
NestJs, Spring Boot, Laravel,  
Tailwind

#### Database

MySql,  
Postgres

#### Tools & Others

VSCode, Visual Studio, IntelliJ,  
DataGrip, Figma, Docker, Git,  
xampp, nginx, linux, IIS,  
JasperReports, Jira, GlitHub