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
- Served as a Subject Matter Expert in frontend development for a small team, providing technical guidance and mentorship that led to a 25% increase in code efficiency, a 15% reduction in bug reports, and a 30% faster delivery of key features.
- 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- Upgraded Node version from v11 to v18 and updated 80% of outdated packages.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

Financial Management Web Application
Front-end Developer
- Developed and deployed a financial management web application using Next.js for T'Boli Farm Growers Multi-Purpose Cooperative in Tboli, South Cotabato. Designed a user-friendly and responsive interface to enhance budget tracking and financial planning, with successful deployment on the cooperative's physical server.

Queuing Management
Full Stack Developer
- Developed a web-based application using Vue.js for the frontend and Express.js for the backend to optimize queue management and data entry. Deployed successfully at a government agency, improving operational efficiency and service delivery.

Coffee Pest and Diseases Detection and Treatment Advisor App
Mobile Developer
- Developed an Android app with Flutter, integrating an ML.NET API for accurate coffee plant disease detection. Created for a college thesis project.

Medication Request and Dispensing System
Mobile Developer
- 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

- Successfully deployed a thesis project, a Student Information and Scheduling System built with .NET Framework in C#, enhancing administrative efficiency and scheduling capabilities at the school.

SKILLS

Programming Language	Frameworks	Database	Tools & Others
JavaScript, TypeScript, Java, C#, Dart, PHP	VueJs, ReactJs, .NET, Flutter, NestJs, Spring Boot, Laravel, Tailwind, RestAPI	MySql, Postgres	VSCode, Visual Studio, Intellij, DataGrip, Figma, Docker, Git, xampp, nginx, linux, IIS, JasperReports, Jira, GItHub