

Philip Badilla

Location: Iba, Zambales, Philippines

Email: philip.c.p.badilla.hybrid@gmail.com

Mobile: +639454614884

[LinkedIn](#) | [Github](#) | [Leetcode](#)

SUMMARY

- 12+ years of experience in professional software development
- Full-stack developer
- Experienced in application design and architecture
- Experienced tech lead for more than 5 years

CLIFTONSTRENGTHS[®]

Individualization | People exceptionally talented in the Individualization theme are intrigued with the unique qualities of each person. They have a gift for figuring out how different people can work together productively.

Achiever | People exceptionally talented in the Achiever theme work hard and possess a great deal of stamina. They take immense satisfaction in being busy and productive.

Learner | People exceptionally talented in the Learner theme have a great desire to learn and want to continuously improve. The process of learning, rather than the outcome, excites them.

WORK EXPERIENCE

Community Developer

Shonen Junk - Web3 Developer (Feb 2022 - Current)

- Created an open source [meta hub](#) for community building around genesis NFT collection for Shonen Junk.
- Created a [Chrome Extension Tool](#) for tracking NFT rarity in multiple markets
- Created [Junkyard Stories](#) - a storytelling tool and gallery. Video on how it works can be found [here](#).

Web Development Tech-Lead / Front-end Lead / Consultant

Macquarie Cloud Services - Angular Front End (Apr 2020 - May-2021)

- Created a JSON driven Dynamic Form builder for creating interfaces to build Cloud Services products.
- Built Cloud Services Dashboard for tracking performance/issues/tickets/costs etc.
- Built a JSON driven Dynamic Form builder to create a fast automation interface for Cloud Service Engineers.
- Rebuilt existing form development process to reduce form development effort from weeks to hours.
- Updated existing Authentication process to improve security.

Web Development Tech Lead

Macquarie Cloud Services - Azure Billing Collector (Jun 2019 - Dec 2019)

- Designed and developed a custom library for extracting, collating, and exporting [Azure](#) billing line items as part of the billing process using [.NET Core](#)

Macquarie Cloud Services - Public REST API (Dec 2016 - Dec 2019)

- Designed and implemented the public REST API to access all private cloud functionality using [.NET Core Web API](#)
- Designed the DAL interfaces and implementation using [.NET Core](#), [Dapper](#), and [PostgreSQL](#) (switched from [Entity Framework](#))
- Designed and implemented data migration process using [.NET Core](#), [DbUp](#), and [PostgreSQL](#)
- Designed and implemented asynchronous job processing using [.NET Core](#), [Redis](#), [RabbitMQ](#) and [STOMP](#)
- Designed and implemented custom permission based authorization.
- Created custom API and OAuth2 client libraries to connect to underlying microservices using [.NET Core](#)
- Implemented caching mechanism using [Redis](#)
- Implemented documentation using [Swagger](#)
- Implemented JWT based authentication and API Versioning
- Implemented CI/CD process using [Docker](#), [Kubernetes](#), [Jenkins](#), and [Bitbucket](#)
- Setup and implemented unit tests and integration tests as part of the CI/CD using [.NETCore](#), [xUnit](#), [FluentAssertions](#), [NSubstitute](#), [Jenkins](#), and [Bitbucket](#).
- Setup static code analysis and integrated into CI/CD using [Security Code Scan](#) and [Jenkins](#)
- Integrated security scanning into CI/CD using [Tenable](#)
- Implemented logging using [Stackdriver](#), [Nlog](#), and error tracking using [Sentry](#)
- Designed and implemented order processing services
- Implemented feature toggling using [Unleash](#)
- Created design, implementation, support guide documents using [Confluence](#)
- Conducts final code review and design review for new features
- Conducts training and ramp up to new team mates
- Conducts architecture training and reviews for new features

Macquarie Cloud Services - Frontend Portal (Dec 2016 - Dec 2019)

- Setup the seed project structure using [Angular](#), [SCSS](#), [Karma](#)
- Implemented session management service
- Implemented application settings service
- Implemented feature toggle service
- Designed and implemented a custom automation test framework using [Selenium](#) and [.NET Core](#), and integrated into CI/CD using [Zalenium](#), [Docker](#), and [Jenkins](#).
- Implemented form navigate away guard
- Implemented error tracking using [Sentry](#)
- Setup CI/CD process using [Docker](#), [Jenkins](#), and [Bitbucket](#)
- Conduct code review and design review for new features
- Conducts architecture reviews for new features

Macquarie Telecom Group - Multi Site (Jun 2016 - Dec 2019)

- Designed and created [Advance Custom Fields](#) processor to simplify implementation of club sandwich design in Wordpress using PHP.
- Designed and implemented a [custom JS library](#) for deferring assets that is Google SEO safe
- Structured and implemented [SCSS](#) for multi site setup that supports responsive design
- Implemented [Marketo](#) integration to contact forms
- Implemented live chat feature using [SnapEngage](#)
- Implemented unit tests using [PHPUnit](#)
- Implemented a custom anti-spam filtering using digital signature
- Implemented custom Template library using PHP
- Implemented multiple block section layouts and custom navigation and menu
- Updated CI/CD process using [Jenkins](#), [Chef](#), [Vagrant](#)
- Conducts final code review and design review for new features

C# Lead Developer

GroupM - Core Platform (Dec 2015 - Jun 2016)

- Implemented new scheduling features on an existing legacy application using .NET Web Forms and Multi-Threading
- Facilitated daily stand-ups, sprint planning, retrospective sessions
- Responsible for Clearing up obstacles and impediments for uninterrupted delivery
- Ensures collaboration between the development team and the product owner.
- Trained the development team on application focusing on design and architecture
- Ensures all incoming code changes comply with the architectural design by discussing complex features with the team, conducting code reviews and assisting the dev team on complex features.

Senior .NET Developer

Commonwealth Bank of Australia - Anti Money Laundering Update (Sep 2015 - Dec 2015)

- Updated the business registration forms to include additional fields to comply with the government mandated AML update using [Angular.js](#) and [.NET MVC](#)
- Added business level validations on the API as part of the compliance
- Implemented unit tests using [Nunit](#)

Commonwealth Bank of Australia - Self Managed Super Funds (Apr 2015 - Sep 2015)

- Implemented custom anti spam security using digital signature
- Implemented UI updates using [Angular.js](#)
- Implemented Business alidations and Services using [.NET MVC](#)
- Updated internal client desktop application to add support to new registration types
- Implemented unit tests using [Nunit](#)

[View more professional experiences](#)

PET PROJECTS

Safe Defer | A SEO friendly, pure Javascript library for deferring image loading, class appending, and applying styles. Article [here](#).

AI Portfolio | An experimental portfolio web application that uses AI and Machine Learning to answer interview questions from guests using [Vue JS](#) and [Wit AI](#).

DbUp DotNetCore Seed | A seed project for starting a database migration project using DbUp and .NET Core.

[**Dapper DotNetCore Seed**](#) | A seed project for starting a data layer using Dapper and .NET Core.

[**Peddle**](#) | An Android based seed project for mobile POS for small to medium retailers using Kotlin and AndroidX

[**Binance Market Analyzer**](#) | An experimental project that conducts market analysis, identifies trends and propose trading opportunities for cryptocurrencies in [Binance](#) exchange using .NET Core MVC

[**Chameleon Printer**](#) | Enables old printers to use wireless technology by exposing functionality via Web API using .NET WCF