

# MELVIN ROY R. BAGTASOS

Software Developer

email: mr.bagtasos@gmail.com 7M, Tower 1, San Lorenzo  
Mobile/Viber: +63 917 856 8822 Place, Chino Roces Ave,  
Makati, Philippines

## SUMMARY

- A resourceful team player with over 9 years of solid experience in Software Development
- Well-versed .Net developer using C#, ASP.Net (MVC/Web API), Windows Service, and Windows Forms
- Experienced Single Page Application developer using AngularJS and other JavaScript libraries
- Used different source control technologies like GIT and Subversion
- Strong technical background with RESTful APIs and Third Party Libraries like VMware SDK/API, AWS, Dapper, and Entity Framework
- Highly motivated and can work under pressure
- Worked as a team leader and a mentor to junior developers
- Experienced working in an Agile Development Team

## EDUCATION

Bachelor of Science in Computer Science (2003-2007)  
Western Mindanao State University

## TECHNICAL SKILLS

### Tools/IDE

Visual Studio 2003-2015, MS SQL Server (2000/2008/2012), Team Foundation Server 2012  
VMware (vCloud, vSphere, vConverter), Fiddler, Firebug, IIS, Resharper, JSHint

### Languages

C#, JavaScript, Typescript, T-SQL, Flex, VB.Net, Java

### Paradigms

Agile SCRUM Development, TDD, Dependency Injection, Object-Oriented Programming,  
Git Workflow

### Framework and Libraries

ASP.Net MVC, Web API, RESTful APIs, Windows Services, Windows Forms, AngularJS,  
Entity Framework, Dapper, Fluent Validation, VMware SDK/API, Bootstrap

### Package Manager

NuGet, NPM

### Source Control

GIT, Subversion, Mercurial SCM, TFS, SourceTree, Tortoise Git/Hg

## WORK EXPERIENCES

### ➤ **VSS IT Development** (April 2010 – Present)

**Designation:** Technical Lead

#### **Job Description**

- Design solution architecture
- Write high quality codes with complete documentation and unit testing
- Perform code reviews and mentor junior developers
- Supervise a team for the frontend development
- Do research and development on new technologies that can be used in different projects

#### **Projects**

❖ **CIRRUS** – is a Cloud management and business orchestration framework for cloud service providers with documented RESTful API so third party consumers can create their own custom portals. This is exclusively developed for VMware.

- ✓ Performed as the team leader for the Frontend Development
- ✓ Designed the Frontend Angular JS architecture and conducted code reviews
- ✓ Contributed in designing the WEB API
- ✓ Proactively contributed and introduce new process that helped the development team work efficiently

**Client:** VMware

#### **Tools & Technologies used:**

- Visual Studio 2015
- SQL Server 2012
- Team Foundation Server (GIT) for source control
- C# - Web API
- HTML 5 and Angular JS
- Single Page Application
- SCRUM
- VMware REST API
- OOSA

❖ **OOSA** – acronym for Object-Oriented System Architecture. This is an internal project for the purpose of providing us with a library that follows development standards and practices. Contains default setup for dependency injections, services for repository, caching, messaging, and security.

- ✓ Suggested the creation of the Library
- ✓ Co-authored the code base

- ❖ **Cloud Migration Portal** – CMP is a complete portal based solution to manage and migrate physical machines from a variety of sources to VMware targets. Acquired and continued development by VMware.

- ✓ Worked as the Lead Programmer for the project. Used FluorineFx library that served as the remoting gateway/web service for the flash application
- ✓ Created class services that communicates with VMware Infrastructure like vCloud, vSphere, and vSphere Converter
- ✓ Helped design the frontend Flex architecture using Flash Builder
- ✓ Created the Flash Data Access services that manages calls to the web service and map DTOs to Flex Objects

**Client:** VMware

**Tools & Technologies used:**

- Visual Studio 2012
- SQL Server 2008 R2
- Team Foundation Server (subversion) for source control
- C# - Web Services (using FluorineFx)
- Entity Framework
- Flash Builder (Flex) for Frontend development
- VMware Applications (vCloud Director, vSphere, vCenter Converter, etc)

- ❖ **vCert Manager** – provides fully automated management of SSL Certificates in a VMware environment across the entire lifecycle.

- ✓ Worked as a consultant for some VMware API implementations
- ✓ Helped in debugging and developing new features
- ✓ Did some R&D for the Nutanix API that will be integrated in the application

**Client:** Multinational Corporations with VMware Infrastructure setup

**Tools & Technologies used:**

- Visual Studio 2012
- SQL Server 2012
- Team Foundation Server (subversion) for source control
- C# - MVC4
- HTML / CSS / JavaScript

➤ **Software Laboratories Inc.** (November 2009 – April 2010)

**Designation:** Software Consultant

**Job Description**

- Perform requirements gathering for new applications
- Write clean quality codes with unit testing and
- Debug, maintain, and do enhancements to existing applications

## Projects

- ❖ **SM Prime Holdings** (outsourced) – worked as a consultant/developer for various projects within the company.

### ➤ **OMED Corporation** (April 2007 – October 2009)

**Designation:** Junior Developer/Customer Support Engineer | Senior Developer

#### **Job Description**

- Write clean, quality codes with documentation
- Provide client support and get feedback or change requests
- Contribute to system design and architecture
- Provide regular updates to team leads and manager

## Projects

- ❖ **SPC-DMS** (Statistical Process Control – Data Management System) – is a window based management system with embedded statistical tools that generates real-time control charts used by the quality assurance team for analysis.

- ✓ Helped developed the remote monitoring module; this module monitors all the registered machines' (PCs) heartbeat and it allows operators/managers to do a screen capture
- ✓ Developed new features and perform debugging tasks
- ✓ Worked as a Customer Support Engineer; I conduct scheduled visits to the client to perform diagnostic to the application, do some troubleshooting, and gather additional requirements

**Clients:** IBIDEN Philippines (IBI), Allegro MicroSystems Philippines Inc (AMPI)

#### **Tools & Technologies used:**

- Visual Studio 2005
- SQL Server 2000
- Visual Source Safe
- C# - Window based Application
- Jabber – messaging service used in monitoring

- ❖ **IBIDEN Online DCC v.2** – is a web based application that manages and stores QMS documents with a notification module that alerts signatories or users of any tasks that needs their approval on a specific document.

- ✓ Worked as a developer enhancing version 1 features with the version 2 framework
- ✓ Did R&D on new technologies that can be incorporated in the application

**Client:** IBIDEN Philippines

**Tools & Technologies used:**

- Visual Studio 2005
- SQL Server 2000
- Visual Source Safe
- C# - ASP.Net

- ❖ **Cypress Manufacturing Limited** (outsourced) – Involved with the **VISION project** in creating the **KANBAN System** where the ultimate goal is to cut down process hours to 3.3 hours from customer order to shipment. The KANBAN system is a web based scheduling system that is used by the planners and die bank personnel for quick reference to the orders being processed on the auto line machines using JAVA JSP, ORACLE and Ingress Database. Also, automated creation of reports using Oracle PL-SQL and shell scripting that is automatically displayed on the VISION web page.

- ✓ Worked as a senior developer

- ❖ **Infiniti Solutions Pvt. Ltd.** (outsourced) – Involved in the enhancement of the **SmartTrack** system that is used by the production line where crucial information is transacted using VB.Net and SQL Server 2000.

- ✓ Worked as a programmer providing feature enhancements develop new modules
- ✓ Helped IT team setup Visual Source Safe