

1 Integrated Web System

WEB APP • DESKTOP APP • WEB SERVICE

Previously developed a Windows Communication Foundation web service from the ground up, using C# and .NET framework 4.0, that accepts and return JSON formatted response that uses a RESTful structure of URL, it also has a custom application authentication for the security of both the service and those that consume the service. Also created an administration, for data/user maintenance and generating reports through Crystal Report, and an agent website from C# ASP.NET for consuming the service that uses bootstrap 2 for responsive UI. Have also created an uploader application for the service that uploads data from the service's MySQL database to AS/400 db2 database from a Windows Application that runs on background and uses thread management for performance optimization.

2 Reporting Web Service Project

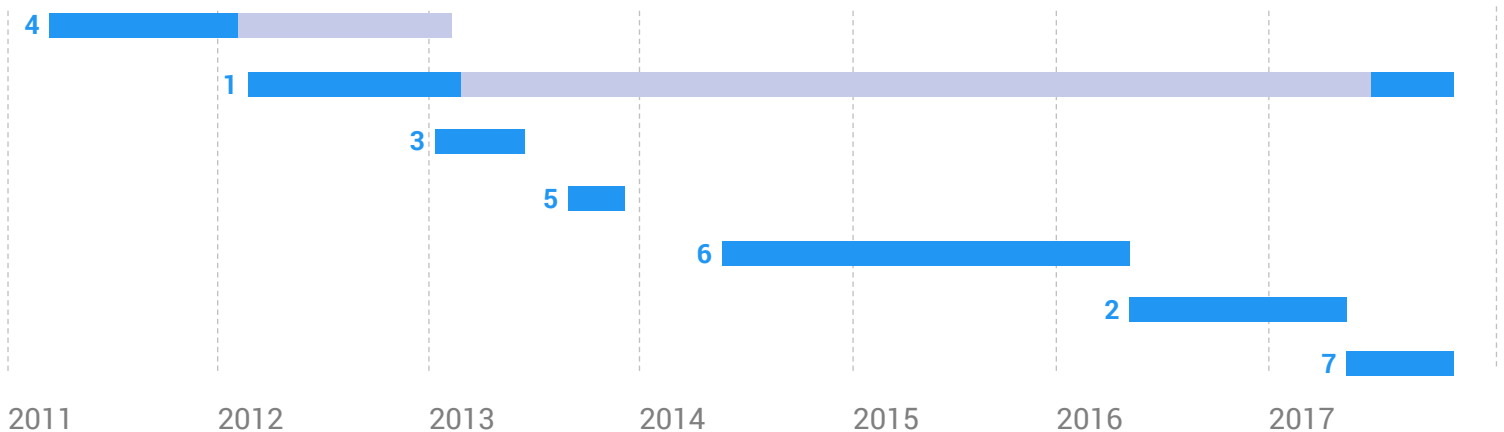
WCF • RESTFUL • CRYSTAL REPORT

Currently working on a couple of web services projects in Windows Communication Foundation using C# and .NET framework 4.0, with RESTful web method and JSON replies. One is used to served as an API that connects our Google Forms workflows to our database server. And the rest of the web services are used internally to link our database server to print and send various digital documents to the client.

3 Document Management System

ALFRESCO • JAVA • SWING FRAMEWORK

Collaborate on working in a JAVA application that connects to a file server (Alfresco) and an AS/400 Database DB2.



4 3-Tier Image Uploading System

DESKTOP APP • WEB SERVICE • WIN SERVICE

Developed a 3-tier image and data uploading system (Web Service, Windows Service, Client Desktop Application) using C# framework in .NET framework 4.0. The Web Service is made from WCF Web Service that is responsible for saving the uploaded images to the head office server. The Windows Service checks the locally saved images from the branch server and upload it to the head office server using the Web Service. The Client Desktop Application is a rich image and data searching that connects to the Windows Service.

5 MVC Charts and Reporting System

MVC • RESPONSIVE DESIGN • CHARTS

Worked on a C# MVC 4 project that uses a bootstrap 3 for the responsive UI and a chartjs for generating charts and reports.

6 Public Ruby on Rails Website

GITHUB • RESPONSIVE DESIGN • HEROKU

Worked on a Ruby on Rails project using Aptana Studio, git for repository, Heroku for hosting, and Amazon S3 for resource repository, for a public website that also uses bootstrap 3 for UI and researched a few User Experience design for formulating proper forms. Created graphical charts for analyzing data of the website and generate excel files for reports.

7 In-House Single Sign-On

MVC • WEB SERVICE • RESPONSIVE DESIGN

Design and implement an architecture for a portal using MVC and metrialize.css with a single sign-on for over 8 internal applications with different sign-in database. The single sign-on architecture considers different database server and is able to be easily and securely implemented on those web applications using private app keys and tokens.

1 JavaScript Refactoring

JAVASCRIPT • REFACTORING • ARCHITECTURE

Lead a re-architecture and refactoring of the JavaScript customization of an existing production Dynamics 365 CRM Instance. The new script architecture improves both the maintenance of the code and the implementation of the new standard for Dynamics 365 CRM JavaScript customization. Includes a clean and well documented codes after refactoring and re-architecture. The in-code documentation greatly helps the team for future analysis and maintenance as it works really well with Visual Studio Intellisense. Also able to communicate technical problems to the product owner through research and proposal that has progressed and approved smoothly, when compared to other projects this has been a challenge.

2 Plugin Re-Architecture

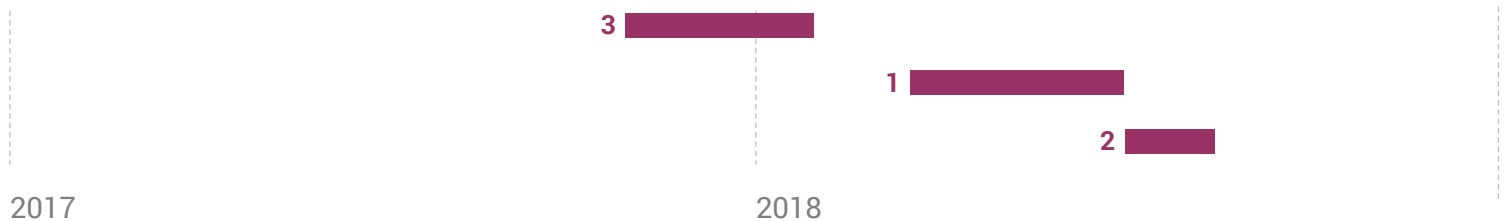
C# • PLUGIN • ARCHITECTURE

Design an architecture for the refactoring of the plugin customization of Dynamics 365 CRM using C# 4.5 and .NET Framework 4. Create base class that implements the plugin interface provided by the CRM SDK. Create custom attributes for the implementation of plugin usage validation using reflections. Utilize extension methods for the known types of early-bound entities for methods that requires reflection on those types.

3 Dynamics 365 POC Project

DYNAMICS 365 • VSTS • AGILE

Co-lead a team of three for the implementation of a Proof-of-Concept project for Dynamics 365 CRM on an international client using Scrum and Sprint.



Detailed Technical Skills

C#

WINDOWS FORM

Custom Controls, Asynchronous UI

ASP.NET

Layouts, Grid View

WINDOWS COMMUNICATION FOUNDATION

Custom Authentication, JSON Replies, RESTful

.NET FRAMEWORK

LINQ, Lambda, Generics, Anonymous Methods, Threading, Reflections

MODEL-VIEW-CONTROLLER

Database First, Code First, Migration, Custom Authentication, Asynchronous Forms

MISCELLANEOUS SKILLS

Git, Github, Heroku, Amazon S3, Trello, GoDaddy, VSTS, Google Apps, Slack, 3-Tier Architecture, SEO

User Experience Design

RESPONSIVE DESIGN

Bootstrap, Materialize.CSS, CSS3, Screen Size Detection, Responsive Charts and Controls

USER EXPERIENCE GUIDELINES

Forms & Conversions, Windows Guidelines, Material Design, SEO & Analytics

HTML5, CSS3, JQUERY

Database

MYSQL

Stored Procedures & Functions, Aggregate Functions, Sub-Queries

MSSQL

Stored Procedure, Conditions, MS Functions, Transactional

DB2 (AS/400), PostgreSQL