

PATRICK RIDDICK

SUMMARY

- Highly motivated Developer who strives to provide the most optimal software solutions. Experienced with resolving diverse problems and adapting to various situations.
- Comfortable working in teams of any size especially smaller teams with an expectation of growth and project expansion.
- Experienced in gathering business requirements, analyzing business processes, software development/maintenance, testing, and database management.

TECHNICAL SKILLS

.NET: C#, .NET 3.5/4.0/5.0, ASP.NET, ASP.NET MVC, Web Forms, ADO.NET, LINQ, Entity Framework, WCF, Web Services, Visual Studio 2010, 2012, 2017
Database: SQL, SQL Server 2008, SQL Server 2017 T-SQL, Stored Procedures, DDL, DML, Index
Web Design: JavaScript, HTML5, CSS3, AJAX, jQuery, CSS, HTML, Bootstrap, jQueryUI, Vue.JS
Serialization: XML, SOAP, JSON
CMS: Drupal, WordPress, PHP (limited)
Testing: Jira, Excel, Jenkins

EXPERIENCE

Curvature Inc. Software Developer

July 2018-present

- Collaborated with small team of developers in an agile environment developing .Net applications to manage service delivery and asset management for both internal and external users that interact with SAP and Oracle ERPs
- Development lead coordinating requirements and writing a .Net quoting tool utilizing JavaScript and JQuery in an MVC framework and the T-SQL database structure and procedures feeding into SAP ECC Contract Module and custom .Net ticketing and asset management system. Developed a custom workflow management and rule engine to conform to ever changing business requirements.
- Spearheaded project for emerging business line where I developed a variable rate hourly billing program through T-SQL stored procedures built upon existing .Net ticketing, quoting, and asset management application. Helped to manage vendors to make corresponding changes to SAP code base

Neocom Business Solutions ASP.NET Developer

January 2018 - June 2018

Client: New Zealand Bio Security
Project: Online National Mosquito Monitoring Database

- Translate ASP legacy code to modern ASP.net MVC full stack
- Apply Entity Framework database first approach to design a data access layer to input and retrieve data from the database

- Utilize Bootstrap, JavaScript and jQuery to provide client-side validation, interactivity and better user experience to the web pages
- Collaborate closely with the team to solidify user requirements
- Implement Crud operations for workflow information on projects
- Recommend fixes and improvements
- Developed web API
- Database Development (eg. Create tables, Normalize Tables, Create Stored Procedures, Create Views)

**Horizon Industries, Ltd; Vienna VA
BPM DEVELOPER**

May 2016 - October 2017

(November 2016 – October 2017)

Client: FTA (Federal Transit Administration)

Project: TrAMS (Transit Award Management System)

- Consultant to Federal Transit Administration facilitating functionality upgrades for
- Transit Award Management System
- Developed and tested all system development features thoroughly with backup documentation (e.g. Test cases and test reports) to ensure performance results
- Utilize MySQL to perform Crud operations and create/modify stored procedures.
- Apply SAIL to create user interfaces
- Create updated Logical and Physical Data Models(ERD's)

BUSINESS PROCESS MANAGEMENT (BPM) CONSULTANT(September 2016 – November 2016)

Client: Appian

Project: Appian Quality Engineering, Reston VA

- Provide BPM consulting services by identifying, recording, documenting and tracking defects.
- Developing and executing test plans that involves installing software, reviewing documentation, and
- Implementing Self-Assembling Interface Layer (SAIL) developer language in order to ensure proper UI functionality.
- Install various virtual machines to perform tests on several Internet browsers such as Internet Explorer, Safari, Chrome, and Firefox. Perform detailed mobile testing on various platforms and versions of Android and Apple iOS
- Ensure all hardware and other test devices have OS and firmware up to date and are ready and available for testing purposes.
- Utilize Jira with the aim of tracking and progressing tickets.

**DKW Communications December 2014 – March 2016
ASP.NET CONSULTANT**

Client: USDA (United States Department of Agriculture), Washington DC

Project: PHIS (Public Health Information System)

- Apply Linq to SQL database first approach to design a data access layer in order to input and retrieve data from the database
- Utilize Telerik controls, JavaScript and jQuery to provide client side validation, interactivity and better user experience to the web pages
- Collaborate closely with the team to solidify user requirements
- Implement Crud operations for workflow information on projects
- Troubleshoot legacy code
- Recommend fixes and improvements

- Developed web services using SOA architecture using C#
- Employ Visual Studio and Team Foundation server for version control task management.
- Routinely use WCF in web service-oriented architecture

Western Maryland GIS Center; Frostburg, MD September 2012 - September 2013
DRUPAL CONSULTANT

Client: Frostburg State University

- Oversee full functionality of the website
- Maintaining and designing databases for maps through using MySQL
- Identify, receive and troubleshoot bugs problems in a timely manner such as:
 - Performance issues including proper data transfer and appropriate load times
 - Proper cross-browser functionality with Internet Explorer, Firefox, Safari, and Google Chrome
- Link Analysis: including broken links, redirects, cross linking and inbound linking
- Implement file uploads/downloads through PHP to assure all files load properly
- Use knowledge of HTML and CSS to design website's user interface
- Educate and train users on website's usage
- Collaborate with Geographical Information System Specialists on marketing initiatives

EDUCATION

Frostburg State University, Bachelor of Science, Computer Information Systems

CERTIFICATIONS

Appian Analyst
 Appian Developer