**ROBERT B. BURGESS**

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Professional Profile

* Diverse technical background in both software and hardware
* Solutions designer within desktop, mobile, client-server, and web development
* Strive to provide clients with accurate solutions
* Consistently write clean code
* Create mobile-first responsive designs
* Very quick knowledge acquisition for new technologies

Objective

I am looking for a rewarding new position where skills, knowledge, and expertise gained throughout experience to date can be applied, and further professional development achieved.

Relevant Experience

Programming: C#, C++, PHP 5/7.1, Python3, JavaScript ES6, XML, Groovy

**Web:** HTML5, CSS3, SASS Angular, React, Redux, Node, Npm, Electron

Graphic Design: Photoshop CC, Illustrator CC

**UI/UX Design:** Adobe XD

Database: MS SQL 2008-2016, SQL Reporting Services, Integration Services, Entity Framework 6, MySQL, Firebase, MongoDB, Access

Frameworks: .Net, ASP.NET, ASP.NET MVC 4/5, ASP.NET Web API, Xamarin, Laravel 5.4

CMS: Umbraco 7, Django, Wagtail

Development Tools: Visual Studio 2017/2019, Visual Studio Team Server, PhpStorm, PyCharm, WebStorm, SSMS, SQL Profiler, Visual Paradigm UML, Firefox, Chrome, GitHub, Webpack, Gulp, Docker, Jenkins, VMware, NPM, Jest, Enzyme

Platforms: Windows, MS Server 2008-2016, Amazon Web Services, MS Azure, Ubuntu

**DevOps** CMake, Make, GCC, Conan PM, Docker, Jenkins, Artifactory, CI/CD

Career Summary

April 2019 – present DEVELOPER / DEVOPS

Keysight Technologies

Contracted to Keysight to create a Continuous Integration/Continuous Development process for C++/C# artifacts that are included in their overall Test and Measurements products. This is a Windows/Linux cross-platform process that builds C++/C# programs using CMake/Make and a Conan package manager to resolve precompiled dependencies. The build process is automated by using Jenkins 2 declarative pipelines written in Python/Groovy to schedule and monitor the build processes that upon completion were deploy as a npm or nuget package to an Artifactory repository. Jenkins slave build agents were provided either using a physical machine or generated within Docker containers and deployed to an AWS ECS cluster for running. The coordination between team members on projects was accomplished using Jira Project tracking and daily scrum standups.

Certain modules for test and measurements had the requirement to expose a web api interface so that they could be displayed in a browser and this was accomplished using Electron with C++ to connect to native services and Angular 7 to present the browser. This involved building Angular components to communicate with native services and display or retrieve the data in a browser window. The components were styled using SASS.

February 2019 – March 2019 DEVELOPER

Amazon Web Services

Contracted with AWS to build a web application written in Python and utilizing Django CMS along with a Wagtail package to customize the administrative interface. The project was developed in a continuous delivery practice using Docker and Jenkins and deployed to AWS Elastic Container Linux platform. Version control was GitHub. Bash scripting was used to automate the development/build process. The web UI was designed and wireframed with Adobe XD for mobile, tablet, desktop responsiveness.

October 2017 – December 2018 DEVELOPER

Centric Consulting

Contracted with Microsoft to work on their Iris Studio project for the Bing Rewards program. Duties include developing frontend components utilizing React, Redux, ES6, Typescript and SASS. React components were built with a Test Driven Development practice using Jest/Enzyme for testing. Also, further developing the C# ASP.Net 4.5 WebApi backend to supply CRUD operations and business logic for the project. Project is guided by program manager utilizing Agile software development practices. Version control and continuous integration was handled with MS Team Services/GitHub.

July 2017 – September 2017

DEVELOPER

Cole & Weber

Developer implementing multiple Umbraco web applications for client. Utilized techniques in Umbraco to create CMS backend including Angular JS for custom property editors. Frontend structured with C# ASP.NET, SASS/CSS, and JavaScript for responsive web pages. Version control and continuous integration was handled with GitHub. The backend data tier was designed and managed with MS SQL

November 2014 - May 2016 DEVELOPER

BlueSky Projects

On-call to assist in customer project situations that required advanced troubleshooting and solutions. Projects included, ASP.NET and PHP 5 framework, along with Sql and MySql.

September 2014 - November 2014 DEVELOPER

ExOfficio

Developer on an C# ASP.NET Web Forms 2.0 ecommerce project. Analyzed and solved problems with online commerce system. Devised enhancements for backend processing with Bazaarvoice and 4Tel and implemented responsive web design using SASS. Version control and continuous integration was handled with Subversion.

October 2013 - March 2014 DEVELOPER Garrigan Lyman Group

Developer on an Agile guided Software As A Service project. Written in C# using ASP.NET MVC4 Framework in a object oriented programming pattern. Data layer constructed using Entity Framework 6 Code First and SQL Server 2012. Collaborated on coding, unit testing, backend control, models, and views. Backend layers structured using Domain-Driven Design to constrain the project into smaller, more extensible areas of the business model, while making use of Dependency Inversion Principals for resilience and unit testing. Jira was used for documenting Agile practices. Version control and continuous integration was handled with GitHub.

September 2012 - October 2013 DEVELOPER

Bonsai Media Group

Developed responsive websites and web applications for desktop, tablet, and mobile designs using Microsoft ASP.NET MVC 3/4, ASP.NET Web API, Umbraco CMS 4/6, and WordPress. Projects were completed using Visual Studio C#, PHP, HTML5, CSS3, and JavaScript. JavaScript Libraries included JQuery, Zurb Foundation 4, and Modernizer. Designed and implemented databases using SQL Server 2008-2012. Created and achieved frontend and backend. Working for Bonsai Media Group allowed me to upgrade my skills to current industry standards. I was constantly analyzing methods for delivering the best experience to the client across all aspects of today’s web environment. Version control for project was Subversion.

Earlier Experience

1997 - 2000 SYSTEMS MANAGER

All Gordon & Associates

Maintained midsize Unix Mainframe. Programming tasks included writing enhancements to PIC-Basic programming system, VB programs for PC interface to mainframe, and C++ programs for various tasks.

1977 - 1997 SYSTEMS ENGINEER SPECIALIST

Honeywell Information Systems

Installation and maintenance of Honeywell’s full line of computer systems. Rectified various problems, including equipment failure, system design, and program resolution. Use of test equipment included voltmeters, oscilloscopes, network analyzers, with repair level being down to the component level.

* Received three National Service Awards
* Acknowledged expert at diagnosing and resolving problems for national accounts

Education

**Everett Community College**  2001 - 2003

Received 80 credits towards an Associates of Science Degree in Computer Science

Professional Development

**Lynda:** Responsive Web Design, PHP, Photoshop, Illustrator

**Pluralsight:** ASP.NET, Responsive Web Design, CSS, JavaScript

**Laracasts:** PHP 7, Laravel Framework

**MSDN Microsoft Developer Network:** ASP.NET, Xamarin Cross Development Platform

**Conferences:**

* Angular JS, 2015
* CascadiaFest, 2015-16, 2018
* An Event Apart, 2015, 2018
* Smashing Magazine, 2015-16
* Visual Studio Live, 2015

Additional Skills

* Software Development Lifecycle
* Design Patterns for Object Oriented Programming
* Proficient in several languages
* SOLID Coding Principals
* Database design and application
* Website SEO methods and analytics
* Team-Player or Self-Starter
* Problem solver
* Domain Driven Design