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Robert E Coker

# recent PROFESSIONAL EXPERIENCE

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| united life  | 03/2019 | Present | Cedar Rapids, IA |
| Application: UQUOTE/QUICKQUOTE |
| ROLE | Contract Developer |
| DESCRIPTION | Worked on new interface for large life insurance company. The interface was a SAML 2.0 SSO application that interfaced with Insurance Technologies in Colorado. The application used standard ACORD insurance XML schemas to send and receive data using SAML. I also worked on the main UQUOTE application that was a mixture of MVC and WebForms. |
| Microsoft | C#, .NET Core/.NET Framework, MVC, WebForms, SAML SSO, SQL Server, Visual Studio |
| open source | Bootstrap, jQuery, Component Source (SAML) |
| web | Javascript (ECMA6), HTML5, CSS3,  |
| devops/cloud | Scrum, Git |

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| Wells Fargo employee surveillance and fraud | 12/2017 | 03/2019 | Charlotte, NC |
| Application: Required Absence |
| ROLE | Contract Developer |
| DESCRIPTION | Worked on new application for required absence at large bank. This application is intended to cut down on employee fraud for those who are in a sensitive position such as handling cash, making trades and doing wire transfers. I was responsible for developing microservices on Azure that were interacting with Azure Service Bus and were written as Azure Function Apps. These microservices updated employee data in regard to business rules and sent email notifications to application users.  |
| Microsoft | C#, .NET Core, MVC, WebApi, Entity Framework, Identity, SQL Server, Visual Studio, Code |
| open source | Bootstrap, jQuery, AutoMapper, Autofac, SeriLog |
| web | Javascript (ECMA6), HTML5, CSS3, Kendo UI |
| devops/cloud | Scrum, Git, Visual Studio Online, Azure Service Bus, Azure Functions, Azure Table Storage |

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| doran scales, Inc  | 04/2016 | 12/2017 | St. Charles, IL |
| Applications: websuite, azure scale service APP, embedded scale software |
| ROLE | Contract Software Architect, Lead Developer |
| DESCRIPTION | Maintained, added functionality and started Angular 2 migration to a food industry scale solution that involved various smart scales that ran Windows CE embedded O/S. The code on the scales was C++ and communicated with a central server and with other scales using sockets. There was a central server that allowed users to create ingredients and formulas that were run on the scales. This application was a web application that allowed the users to manage all the scales on a factory floor. The main server application was written in C#. |
| Microsoft | C#, MVC, Identity, C++, MFC, Sockets, SQL Server, SSIS, Visual Studio, NUnit |
| open source | jQuery, Dapper, Castle, Mediatr, NLog |
| web | Javascript (ECMA6), HTML5, CSS3, Sockets, DevExpress MVC |
| devops/cloud | TFS, Visual Studio Online, Azure VM, Azure WebApps, Azure Service Bus, Azure SQL, FogBugz |

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| MMS lists, Inc  | 11/2014 | 04/2016 | Schaumburg, IL |
| Applications: enterprise broadcast tool, noww client portal, ms crm customization, ms dynamics gp intergration |
| role | Contract Lead Developer/Developer |
| description | Architected and developed 2 applications for sending and managing email campaigns using IBM Marketing Cloud (formally SilverPop). Application was a .NET MVC website. In addition, I worked on a team that developed a custom MS CRM solution that made heavy use of Web API and the CRM API. Also, I did maintenance work on a few ASP.NET WebForms and classic ASP legacy applications that were written in VB.NET. |
| Microsoft | C#, MVC, Entity Framework, SQL Server, WebApi, MS CRM, MS Dynamics GP, Visual Studio, MSUnit, WebForms, ADO.net, Classic ASP, VB6 |
| open source | jQuery, Bootstrap, Ninject  |
| web | Javascript, HTML5, CSS3 |
| devops/cloud | IBM Marketing Cloud (SilverPop), TFS, Visual Studio Online  |

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| federal reserve bank of chicago  | 10/2013 | 11/2014 | Chicago, IL |
| Applications: phone payment app |
| role | Contract Architect, Lead Developer |
| description | I was tasked with architecting and developing a cloud-based phone and browser application that would allow smaller community banks to better compete with larger banks. The main application was a phone/browser payment application written in C#/MVC and hosted on Azure. This application made use of Azure Service bus and Azure WebJobs to communicate with bank end payment processors. A Node JS/Express web application was written to monitor the flow of payments through the system and allow for a backend administrative CMS for editing users, banks, settings, etc. |
| Microsoft | C#, MVC, Entity Framework, SQL Server, Visual Studio  |
| open source | jQuery, Bootstrap  |
| web | Javascript, HTML5, CSS3 |
| devops/cloud | TFS, Visual Studio Online, Azure VM, Azure SQL, Azure AD, Azure WebJobs, Azure Service Bus |

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| keurig/green mountain  | 03/2013 | 10/2013 | Burlington, VT |
| Applications: Keurig.com, Keurig.CA |
| role | Contract Developer |
| description | I worked on 2 websites for Keurig, one for the US and the other for Canada. The work started out using Knockout and then migrated to Angular JS. Much of the work involved modernizing the website UI with facets (sidebar searches using a checkbox interface) and drag and drop of components for doing side by side comparisons and cart/order manipulations. Both websites had Sitecore middleware and I was involved with writing custom code for this. Also, I wrote Jasmine unit tests around new Angular features that I added. |
| Microsoft | C#, WebForms, SQL Server, Visual Studio  |
| open source | SiteCore, Angular JS, Knockout, Jasmine, jQuery |
| web | Javascript, HTML5, CSS3 |
| devops/cloud | Git, TeamCity, IIS, Scrum |

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| weigel broadcasting operations | 10/2012 | 03/2013 | Chicago, IL |
| Applications: broadcast controller integration |
| role | Contract Architect/Lead Developer |
| description | Weigel Broadcasting is a TV content provider (Me TV) and also operates many local TV stations. They needed a way to push scheduled content via HTTP sockets to their broadcast receivers in their stations and to their affiliates. The website was hosted in Azure and allowed for scheduling times for publishing content delivery.  |
| Microsoft | C#, MVC, WebApi, Entity Framework, SQL Server, Visual Studio  |
| open source | Ninject, jQuery |
| web | Javascript, HTML, CSS |
| devops/cloud | TFS, Azure VM, Azure AD, Azure WebApps |

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| sierra nevada corporation  | 07/2012 | 10/2012 | Chicago, IL |
| Applications: aircraft inventory |
| role | Contract Developer |
| description | Sierra Nevada is a government aerospace contractor that maintains an aircraft and drone fleet for the military and other government entities. I worked on their custom aircraft parts inventory web application. This application made heavy use of a WebApi backend and an Angular JS/Javascript frontend. TDD was rigorously employed during development.  |
| Microsoft | C#, MVC, WebApi, Entity Framework, SQL Server, Visual Studio  |
| open source | Angular JS, StructureMap, jQuery, NUnit, MOQ |
| web | Javascript, HTML, CSS |
| devops | TFS, IIS, Scrum |

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| rockwell automation  | 06/2011 | 07/2012 | Milwaukee, WI |
| Applications: yoda, proposal works, step forward |
| role | Contract Developer |
| description | Wrote an SAP conversion website (aka Yoda) for converting a proprietary COM PDL data format to SAP. Wrote an attached services module for Rockwell’s Proposal Works application. Developed export interfaces for OpenOffice Writer and Calc for Proposal Works application. Developed report interfaces to OpenOffice Writer for Rockwell IAB application. Wrote WPF module for Rockwell Step Forward competitive pricing program. |
| Microsoft/SAP | C#, WPF, WebForms, Entity Framework, SQL Server, SAP, Visual Studio, Blend  |
| open source | jQuery |
| web | Javascript, HTML, CSS |
| devops | TFS, IIS |

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| johnson controls building automation | 05/2010 | 06/2011 | Milwaukee, WI |
| Applications: research projects |
| role | Contract Developer |
| description | Worked with AI and ontology techniques using C#, OWL and RDF to develop algorithms for querying metadata in HVAC control systems. This work was incorporated into a WPF application. Worked on DotNetNuke CMS for one of Johnson Control’s software products. |
| Microsoft | C#, WPF, WebForms, SQL Server, Visual Studio, Blend  |
| open source | jQuery, Castle, OWL Ontology, RDF Ontology, DotNetNuke |
| web | Javascript, HTML, CSS |
| devops | TFS, Azure VM, Azure App Service Bus, Scrum/Agile |

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| city of milwaukeelicensing division | 12/2009 | 05/2010 | Milwaukee, WI |
| Applications: licensing application |
| role | Contract Developer |
| description | Participated on team designing online application for the City of Milwaukee Licensing Division. |
| Microsoft/ORACLE | C#, WebForms, Oracle, PL/SQL, Visual Studio  |
| open source | jQuery, CSLA |
| web | Javascript, HTML, CSS, Crystal Reports |
| devops | SVN, Mantis, IIS |

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| fiservbanking services | 11/2008 | 12/2009 | Brookfield, WI |
| Applications: cleartouch |
| role | Contract Developer |
| description | Developed new modules for ASP.NET and WinForms integrated environment for dynamically generated banking forms and reports. Maintained current code and defect resolution for ClearTouch banking application in use by thousands of banking new accounts and teller personnel. |
| Microsoft | C#, WebForms, SQL Server, Visual Studio  |
| web | Javascript, HTML, CSS |
| devops | TFS, IIS |

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| ge healthcare wireless division | 09/2003 | 11/2008 | Milwaukee, WI |
| Applications: tranmitter programmer, apexpro transmitter support website, apexpro transmitter bootstrap loader, asdt |
| role | Contract Developer |
| description | Released and developed two versions of ApexPro programming box software used by hundreds of field engineers and biomeds worldwide. Worked on team that released and developed two versions of ApexPro host telemetry software used for wireless ECG telemetry worldwide. Was solely responsible for web support platform in ASP.NET. Released and developed two versions of Antenna System Design Tool (ASDT) for designing ApexPro CH telemetry systems. Wrote FDA compliance system design requirements documents and design verification procedures. |
| Microsoft | C#, C++, MFC, WinForms, Visual Studio, Embedded XP, Office Interop  |
| open source | CygWin, Perl, STL, DevExpress Controls  |
| web | Javascript, HTML |
| devops | ClearCase |

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| thermo electron (fisher scientific) electron microscopy division | 12/2001 | 09/2003 | Madison, WIRemote |
| Applications: xrf suite |
| role | Contract Architect/ Developer |
| description | Developed architecture for ATL COM and Active-X Windows NT application for major manufacturer of EDS/WDS detectors for scanning electron microscopes. Application interacted in real time with electron microscope. Designed in process ATL COM server that allowed all Active-X controls in the application to share data without collisions. Designed container application that allowed runtime configuration of major program modes, menus, toolbars and Active-X. |
| Microsoft | C++, MFC, DCOM, Active-X, ATL |
| devops | SVN |

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| c&h distributors (now global industrial) | 09/1999 | 12/2001 | Milwaukee, WIRemote |
| chdist.com, browncor.com, avenuesupply.com, productsforindustry.com |
| role | Contract Architect/Lead Developer |
| description | Designed and wrote Java based n-tier e-Commerce system for $450MM in sales industrial distributor. Worked with staff e-Commerce programmer, staff network engineer, web designer and AS/400 staff to release http://www.chdist.com, http://www.avenuesupply.com, http://www.browncor.com and www.productsforindustry.com. |
| Microsoft/ibm | SQL Server, DB2  |
| open source | Java |
| web | Javascript, HTML |
| devops | Sourcesafe |

# past PROFESSIONAL EXPERIENCE

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| northwestern mutual life | 03/1999 | 11/1999 | Milwaukee, WI |
| mgic insurance | 06/1998 | 03/1999 | Milwaukee, WI |
| northern computer | 11/1997 | 06/1998 | Milwaukee, WI |
| abn-amro | 06/1997 | 11/1997 | Chicago, IL |
| mototrola | 02/1997 | 06/1997 | Schaumburg, IL |
| chicago mercantile exchange | 09/1996 | 02/1997 | Chicago, IL |
| enterprise systems | 02/1996 | 09/1996 | Wheeling, IL |
| time-fortis insurance | 11/1995 | 02/1996 | Milwaukee, WI |
| allen-bradley | 02/1995 | 11/1995 | Milwaukee, WI |
| household international | 09/1994 | 02/1995 | Wooddale, IL |
| Ameritech | 05/1994 | 09/1994 | Barrington, IL |
| other | Worked at various companies such as Mazda North America, Thompson Publishing, Southern California Edison, and City of Los Angeles. |

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| Education |  | portland state university, portland, OR1986-87 Post Graduate Work in Computer Scienceuniversity of wisconsin, milwaukee, wi1983-84 Graduate Work in Management Information Systems1983-84 Taught Probability and Statistics to Business Undergraduatesuniversity of wisconsin, milwaukee, wi1981-83 BA-Economicsuniversity of wisconsin, madison, wi1979-81 Studied Mathematics, Physics, and Electrical Engineeringuniversity of wisconsin, eau claire, wi1978-79 Studied Mathematics, Pre-Engineering |
| CERTIFICATIONS[[1]](#footnote-1) |  | Microsoft® Certified Professional Microsoft Specialist: Microsoft Dynamics CRM Application (MB2-704)Microsoft Specialist: Microsoft Dynamics CRM Online Deployment (MB2-710) |

1. Certificate copies available upon request. [↑](#footnote-ref-1)