SOFTWARE DEVELOPER SOFTWARE DEVELOPER SOFTWARE DEVELOPER Silver Spring, MD 20+ years in development for private industry and the federal government. Experience in the entire software development life-cycle including requirements gathering, analysis of technologies, design, development, and maintenance. Experience in database-driven and domain-driven design, creating modular reusable code, functional programming. Experience in ASP.NET, C#, WebAPI Services, SQL, client-side programming - HTML, JavaScript, AngularJs, jQuery, NodeJs, OAuth, SAML Single sign-on, push notifications with SignalR, XMPP chat with Openfire and ejabberd servers. I am interested in pursuing a career in software development. I take personal satisfaction doing my job well - producing accurate, structured and documented code. I am highly attentive to details. Enjoy learning new technologies. Work Experience SOFTWARE DEVELOPER Everbridge - McLean, VA October 2013 to July 2019 Duties: Responsible for design, development, and maintenance of .NET Web applications and Web Services, client-side JavaScript including AngularJS, push notifications with SignalR, SAML Single sign-on, implementation of integrated XMPP chat with Open fire and ejabberd servers. NodeJS development. FedRAMP certification. Was the main developer of XMPP chat with Openfire and ejabberd backend servers integrated into Everbridge Incident Management System (IMS) web application.   Worked on transforming monolithic IMS ASP.NET web application into a single-page front-ends and the set of WebAPI web services protected by OAuth 2.0.   Actively participated in securing web applications, removing sensitive data from being passed through URLs, proper authentication and authorization of .NET pages.   Replaced timer-based IMS notifications with instant push notifications using SignalR technology.   Implemented SAML-based Single sign-on functionality for IMS, allowing users of selected Everbridge clients to automatically log into IMS (Service Provider / SP) with their identity. Designed and developed NodaTime-based DateTimeZone library and web service allowing to determine full zone information, including Offset, DST, full Zone name, etc. based on a local time and latitude / longitude coordinates.   Developed various new features of Incident Manager application using AngularJs framework.   Participated in obtaining FedRAMP certification turning our application into JARVISS (Joint Analytic Real-Time Virtual Information Sharing System) used by

US Army and Navy. Environment: C#, ASP.NET, SignalR, SQL, JavaScript, AngularJs, NodeJs, HTML, Json, XML, XMPP. SQL Server, .NET libraries, Jasper and Telerik Reports, TelerOpenfire and ejabberd XMPP servers, Bing and HERE maps, legacy applications. VS 2019, IIS, TFS, GitHub, Jenkins. SOFTWARE ENGINEER COMPUTING TECHNOLOGIES, INC - Fairfax, VA April 2005 to June 2013 Duties: Was responsible for designing and developing new ASP.NET version of CoTs Intranet and for maintaining the legacy Intranet in ASP.   Actively participated in designing new modules, enhancement of database structure, and developing of dynamic client-side interface using Ajax. Conducted a technology research and developed well-structured, N-Tier, domain-driven application design. Was steadily applying modern functional techniques (extension methods, lambda expressions, LINQ.)   Developed a technique for a secure data exchange between ASP.NET and legacy ASP pages. Worked on a custom single sign-on module for CoTs Intranet.   In maintaining a legacy codebase, introduced more structured approach of reusable functions located in ASP include files.   As the single most important achievement, designed from scratch and developed custom permission system for CoTs Intranet. The complex and highly granular permission logic of CoTs Intranet was initially hard-coded into ASP pages, making it unmanageable. Over a year of research and development I created a new system called Roles and Rights Management System (RRM), database-driven and based on fundamental notions of a Role, a Right (permission), and a Scope. It included an administrative interface and made it easy to maintain CoTs Intranet permissions. I was given Employee Of The Quarter award for creating the system.   Environment: C#, ASP.NET, VBScript, ASP, SQL, JavaScript, HTML. SQL Server, MS Access, custom .NET libraries. VS 2012, IIS, TFS. PROGRAMMER/ANALYST ENTERPRISE DATABASE CORP - Manassas, VA October 2003 to February 2005 Participated in designing and implemented School Alert System application using a combination of advanced ASP, JavaScript, Ajax as a front-end, Visual Basic DLLs as a middle layer, and SQL Server 2000 back-end. Application was designed to automatically get natural disaster alerts from issuing agencies and immediately alert schools and individual families over their phones and email. PROGRAMMER QORRA INC - Woonsocket, RI August 2002 to May 2003 Designed and implemented portions of Web applications used by Marriott International/MVP, coding

in PHP/MySQL/XML/XSLT/JavaScript. PROGRAMMER/ANALYST ROBERT HALF TECHNOLOGY / ECOS / CENTECH GROUP September 2002 to October 2002 VIRGINIA Developed databases and ASP Web interface for The Environmental Council of the States. In Centech Group, designed and developed major parts of Phoenix application used by Calhoun County, Alabama as a part of FEMA CSEPP program. This multi-user transactional application was developed with stability in mind and served thousands of Calhoun County residents. See Journal of Emergency Management Vol. 3, No. 4, July/August 2005, "Preparing people with special needs for emergencies". Environment: VBScript, ASP, SQL, JavaScript, HTML. SQL Server, MS Access. PROGRAMMER/ANALYST ROBERT HALF TECHNOLOGY / ECOS / CENTECH GROUP - Washington, DC September 2001 to February 2002 Developed a workload/workflow application for GSA using ASP, VB ActiveX DLL, SQL Server queries, and JavaScript data validation. SOFTWARE DEVELOPER ADI TECHNOLOGY CORPORATION - Alexandria, VA December 1996 to August 2001 Designed login and online store modules for ADI Intranet, developed web-based bug reporting system. Designed and maintained Visual Basic and Access applications. Analyzed existing technologies and made a recommendation to use ASP for company's Internet development. Created a library of utility functions for ADI programmers, trained developers for a proper use of new technologies and web programming standards. Environment: Borland Delphi, Visual Basic 6, ASP, JavaScript, HTML. MS Access. Education BS in Physics and Astronomy Education in Computing Technologies Moscow Educational University - Moscow, RU 2006 Skills HTML 5, Javascript, Git, .NET (10+ years), C# (10+ years), SQL (10+ years), AngularJs (4 years), XMPP (2 years), OAuth 2.0 (4 years), Single Sign-On (2 years)

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