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SUMMARY:

A seasoned Software Development and Quality Assurance engineer with over 12 years of extensive experience in both delivering as well as managing Software Development, Testing and Automation projects. Demonstrated expertise in both hands-on as well as managing development and testing of large-scale software projects in various phases of Software Development Life Cycle (SDLC) as well as Software Test Life Cycle (STLC). Adept at creating test plans and coordinating cross-organization test projects. Dynamic leader and change agent with the ability to effectively collaborate with onshore and offshore teams and key contributors at all levels of organization.

Looking for a leadership role in Quality Assurance space where I can utilize my years of learning and experience in order to help produce high quality applications and processes.

Areas of experience	<ul style="list-style-type: none">• Large-scale Cloud based Applications, Monolithic architecture, SOA• Microservices Architecture and container-based applications• Data Ingestion and Data Analytics, Big Data (COSMOS/Hadoop), Scope• Mobile applications, Android and IOS platforms• Game development, backend services• Azure Hybrid Cloud, SAAS and PAAS
Technical Skills and Concepts	<ul style="list-style-type: none">• C#, SQL Server, MongoDB• Java, MySQL• REST, WCF, WSDL, SOAP• HTML, CSS• Powershell, Javascript• Microsoft Excel, Power BI• COSMOS• Azure DevOps
Tools	<ul style="list-style-type: none">• Microsoft Visual Studio, VS Code• Google Cloud Platform• Robo 3T• Eclipse• Specflow• Postman, Fiddler

EDUCATION:

MS in Computing and Software Systems (University of Washington)

BS in Computer Engineering (University of Engineering & Technology)

EXPERIENCE:

Automotive Mastermind (April 2017 - Present)

Senior Quality Assurance Engineer

Apr 2017 - Present

San Francisco CA

automotiveMastermind Inc is a data science driven company that pioneers in predictive analytics and marketing automation products for automotive industry. I was one of the first hires in the QA space back in 2017 before the company got acquired by IHS Markit.

Responsibilities and career highlights include:

- Built a multi-tier UI automation framework using Selenium and C#
- Developed a demo version of the product with dummy data for testing and handling PII's
- Worked with multiple teams within the company involved in building overall quality assurance strategy and planning for testing and automation
- Interviewed, guided and managed other QA resources within the company
- Worked with development teams to test systems built using Microservices and REST based architectures
- Closely worked with DevOps team implementing pipelines and infrastructures using Kubernetes and PUbSub
- Tested Data pipelines using Google Cloud Platform and Big Query
- QA'ed both the frontend and backend data accuracy validations for Dundas and Tableau based Dashboards

Certent Inc. (November 2016 – March 2017)

Software Development Engineer in Test (SDET)

Nov 2016 – Mar 2017

Project Diablo, Pleasanton CA

Certent is a leading provider of software-as-a-service (SaaS) solutions for equity compensation and financial disclosure management. My role is to help build state of the art solutions for Equity Management and make sure that quality of the code is up to par.

Responsibilities include:

- Develop automation for the test scenarios using C#, Selenium Web Driver, XUnit, XPath and .NET technologies
- Follow Agile Development Methodology and SCRUM for day to day development
- Record and communicate about the issues and code related bugs
- Help improve overall code quality and design

Environments: C#, .NET, TFS, Visual Studio, Selenium, XUNIT, XPATH, Angular JS, TeamCity, Agile, SCRUM

Avanade (August 2013 – August 2016)

As part of the Avanade / Accenture family, I have been managing development & test efforts in several projects since 2013 in different capacities. Some of my major roles were as follows:

Accenture Hybrid Cloud

SDET/ Lead

CloudShaper Project (SAP HANA)

Microsoft Corporation, Redmond, WA

SDET/Onshore Project Lead

XBOX Consumer Marketing Team

Ohio Bureau of Workers Compensation (State of Ohio), Columbus, OH

SDET Lead

Quality Assessment & QA Dashboard Project

Microsoft Corporation, Redmond, WA

SDET/Project Lead

Microsoft IT/ Microsoft Azure POC

Microsoft Corporation, Redmond, WA

Senior Analyst / Test Lead

Microsoft Incentive Compensation Management (ICM)

Responsibilities:

Had similar responsibilities in the above-mentioned roles

Testing / QA:

- Manage and produce overall test and automation strategy, test planning and test cases/scenarios
- Hands on development of test automation infrastructure and automated test scripts using technologies like C#, .NET, Visual Studio, Selenium, Unit Testing

- Creation of test cases, test scenarios and test plans using Microsoft Test Manager (MTM)
- Defect and Bug finding, Bug analysis, Debugging, Tracing, Root Cause Analysis
- Creation of Test reports, test graphs, PowerPivot, TFS extraction, Test Metrics

Management:

- Understand and analyze Business, Functional, Technical and UI requirements for the project/release.
- Developing strategy and planning for the project and testing
- Provide development and test estimates for the project.
- Work with Area leaders, Group Managers and Reporting Managers to assess current state of the projects
- Write plan, scope, objectives and charter of the work that needs to be done including test plans
- Running Daily triages
- Manage/Lead a group of engineers to deliver the desired results
- Present the work progress and/or assessment results to the upper management or leadership

Environments: C#, .NET, Visual Studio, SQL Server, OneNote, TFS, K2 Workflow, Excel, Microsoft Test Manager (MTM), Azure Tools, Visio, Sharepoint, Power BI, Power Pivot, Cosmos, Pivot Charts, MVC, SAAS, Agile, SCRUM, JSON, Azure Management Portal

Experis /Quadrant Resources (January 2013 – August 2013)

**Microsoft Corporation, Redmond, WA (SDET)
2013**

Apr - 2013 – August-

343 industries - Halo 4 Gaming Services:

At 343 Industries, Halo Web Services is a group of highly scalable Windows Azure based cloud services for the Halo game franchise

Responsibilities:

- Development of multi-tier automation infrastructure using c# and .NET technologies
- Investigation, analysis and logging of code related as well as build related issues
- Develop a standalone Azure based Stress environment for stressing game services
- Execute the test cases both manually and in automated format

Environments: C#, WCF Services, Visual Studio Ultimate 2012/2013, Selenium, ASP.NET, SQL Server, Windows Server 2013, ReSharper, Reflection, Cerabrata, Azure Management Studio, Powershell, REST, OneNote, Fiddler, Beyond Compare, Nuget packages

Premera Blue Cross, Mountlake Terrace, WA (SDET)

Jan - 2013 – Apr - 2013

Special Projects – EOP Provider:

This project is expected to deliver a new tool that will make payment details available to providers including Explanation of Payments (EOP) and Summary. My role is to develop automation as well as lead the QA team to deliver high quality software.

Responsibilities:

Development of multi-tier automation infrastructure using c# and .NET technologies
Using Acceptance Test Driven Development (ATDD) methodology for development in the whole project
Resolving code related bugs on daily basis, bug regression
Creating, Running, Automating and Maintaining the Build Verification Tests (BVT) as well other lower priority test scenarios

Environments: Specflow 1.8 / 1.9, WCF Services, Visual Studio Team Suite 2010, Selenium, ASP.NET 4.0, SQL Server 2008, C# programming, Web Services, Windows 7, IBM MQ Series, MSMQ, ReSharper, Reflection, Quality Center, Entity Framework 4.0/ 5.0, Ninject 3.0

Pactera / VanceInfo LLC (January 2010 – December 2012)

Microsoft Corporation, Redmond, WA

**Bing Maps Android & Desktop Performance
SDET**

Oct 2011 – Dec 2012

**Windows Azure Marketplace
SDET**

July 2011 – Sep 2011

**Windows Azure Platform Enterprise Portal
SDET**

January 2011 – June 2011

**Microsoft Tag Team
SDET**

August 2010 – December 2010

Environments: Android SDK OS ver1.5/2.0/2.1/2.2, XAML, Product Studio, Java, Visual Studio Team Suite 2010, ASP.NET 2.0/3.5/4.0, SQL Server 2008, C# programming, Web Services, Windows 7, KAF, Windows Powershell 1.0/2.0, Windows Azure SDK 1.4, App Fabric, CouldBerry Explorer 1.1, Cerebrata Cloud Storage Studio, C#, Team Foundation Server TFS, Visual Studio 2010, SQL Server, SQL Management Studio, IIS Server, SOAP, WSDL, REST, OData

Longtop LLC / Inabia Software (June 2008 – January 2010)

**Microsoft Corporation, Redmond, WA
Bing for Mobile Team
SDET**

April 2009 – August 2010

**Syndication Central Team:
SDET**

June 2008 – December 2008

Environments: Visual Studio Team Suite 2008 / 2005, ASP.NET 2.0/3.5, SQL Server 2005, IIS Server, C# programming, Web Services, Web applications, Win Forms, Webstore, Windows Server 2003, VSS 2005, VSTS, Maddog, XML, HTML, AJAX, WSDL

University of Washington

Student Worker (Research)

Intelligent Service Oriented Computing Research Group (ISOC)

- Research as a part of team for several projects related to the Software Oriented Computing (environments: java, c#, MySQL, WSDL, SOAP, HTML, JSP, Visual Studio 2005 /2008, SQL Server, .NET Framework, JavaScript).
- Involved in the writing of several research grant proposals.
- Individually and as a team, research on Service Oriented Software Re-engineering (SOSR), a concept introduced by Dr. Sam Chung et al.(environments: Oracle, Visual Studio 2005, SQL Server, IIS)

Environments: Eclipse, Java, MySQL, Visual Studio 2005, ASP.NET 2.0, SQL Server 2005, IIS Server, C# programming, Web Services, Web applications, XML, HTML, AJAX, WSDL

PROJECTS:

- Master's Capstone Project (SOA):** Toward Intelligent Service Broker with Imprecise Constraints: Fuzzy Logic Based Service Selection Mechanism (environments: **C#, Java, WSDL**)

Publications & Presentations

- DeCock, M., Chung, S., & Hafeez, O. (2007). Selection of Web Services with Imprecise QoS Constraints. Proceedings of WI-2007 (2007 IEEE/WIC/ACM International Joint Conference on Web Intelligence), p.535-541