

## SENIOR SOFTWARE ENGINEER

### Summary

Senior Software Engineer with 6+ years in analysis, design, development, testing and implementation of various Internet-based applications. Experienced with all stages of the development cycle for dynamic web projects. Solutions are based on the Microsoft stack including SQL Server, C#, ASP.NET MVC, Visual Studio, HTML5, CSS3 etc. while leveraging the open source technologies such as jQuery, Bootstrap, Less, and others. Strong background in management and leadership. Proved leader with excellent interpersonal and motivational abilities to develop collaborative relationships among high-functioning teams. Exceptional problem solver with an aptitude for troubleshooting and the ability to quickly master new skill, technology, or role.

### Highlights

- 6+ years in software development industry
- Strong multi-tier experience from back-end data source through mid-level services to front-end user interfaces
- Full software development life cycle experience and team management experience
- Have a solid grasp and experience with MVC and OO design
- Good Knowledge of WCF, XML, REST & Web API, and SOA Frameworks desired
- Advanced knowledge of jQuery, JavaScript & AJAX, HTML5, CSS & Bootstrap
- Expertise with database management and development
- Experience in using a variety of IT management tools such as TFS, Git and SVN.

### Experience

Senior Software Engineer 07/2015 to Current Intuit Waterbury , CT

DPES Team provide the services, monitors and tools for Data Platform. The tools include LRSS for schedule the automated testing and job runs, WTT for run test and jobs, Test Dashboard for view the results of test and jobs. Lots of monitors for WTT job runs, auto create incident and sent alert email to the related engineer. The database and service are host in Azure to provide scalability and reliability service.

### Achievements: Â

- Add new monitor for job runs, services and databases, auto send email and open new tickets for involve engineer to investigate.
- Involved in writing application level code to interact with Web Services using Ajax, JSON and XML. As DevOps model include coding, testing and deploy the features to Azure Cloud System
- Improve and add new features for the internal portal to view the status of services, schedulers and monitors using ASP.NET MVC, Kendo Grid and Bootstrap
- Analysis the WTT Lab Runs Problem State, query the data from Azure Database by SSMS 2014 to find the root case and send email to owner for take a look by using Test Dashboard, Power BI and WTT
- Worked in scrum process attending daily stand up and completing tasks in sprints

**Language/Tools:** ASP.NET MVC, WCF, jQuery, Kendo-Grid, HTML5, Bootstrap, VS & TFS 2013, Azure, LRSS, WTT, Code Flow, Test Dashboard, Power BI, SSMS 2014

Senior Software Engineer & Team Leader 05/2011 to 06/2015 Intuit West Helena , AR

Payment Collection Service Team is building an online cloud platform which can meet the scale, reliability and availability demands of somewhere between 500M-1B transactions while maintaining the security required for this type of data. These services have a huge global footprint of over 240 markets and process nearly 150M transactions daily, with loads growing linearly as Microsoft moves to a fully cloud-powered services and devices company.

### Achievements: Â

- Lead a team of 5 full-time engineer, participate in the roadmap definition for the team, establish engineering best practices and be a mentor to other members of the team
- Design and implementation of new features including a dynamic CSS for partners to post data applicable to new styles and usable within Win10.
- Execute most of partner on-boarding through nearly 30 different processes as well as UI customizing and updating styles.
- Integrate Bitcoin pay which customer can exchange Bitcoins to buy Apps, games and more for windows, windows phone and Xbox.
- Develop cross browser, cross devices high-quality, high-performance, beautiful, maintainable front-end code using ASP.NET MVC, JavaScript, HTML5, CSS3, jQuery
- Find and help fix stability, scalability, performance issues, cross-browser compatibility, web standards and interoperability.

**Language/Tools:** C#, ASP.NET MVC, jQuery, jQuery Validation, AJAX, HTML5, CSS, VS 2012, TFS 2012, Bugger, Code Flow, Source Depot, Fiddler

Senior Software Engineer 09/2010 to 05/2011 Amazon.Com, Inc. Albuquerque , NM

Security Watch Dog is building a service oriented architectures system to provide Web Service for check Windows server service status, include File System Check, Certificate Check, Windows Task Check, Windows Service Check, Membership Check and Domain Security Check. I conducted system security and certificate checks, demonstrating ability to be extremely thorough and accurate to ensure safety and compliance.

Wrote Unit test for both checks as well.

#### **Achievements:**

- Work with defect tracking, source code control and software release systems to ensure high-quality software releases over time
- Implemented the features of File system security check: include the folder permissions, owner list and access security check and so on. Check whether the folder path exist on the host and check whether the permission value contain invalid characters; Check each of the actual folder permission.
- Certificate check: get the store list of certificate by registry, then fetch each cert by thumb print, check the expired date, check whether the certificate is used by IIS.
- Write the Unit test for File system and certificate check, improve the code quality and system performance
- System support and maintenance, debug and fix bugs, solve the issues

**Language/Tools:** C#, Web Service, XML, WMI, VS & TFS 2008, Active Directory, SQL Server 2005

Software Developer Engineer II 03/2009 to 01/2010 WICRESOFT SHANGHAI CO. LTD City , STATE

Our team was built a modern, web base call center CRM (Customer Relationship Management) which help call center agents access the right information and knowledge about a customer's history to improve the overall customer experience. This system using 3-tier: data access layer, business logic layer and web UI layer by using ASP.NET MVC, Entity Framework, SQL Server.

- Participant the design with Project Manager, Team Leader and other team member. Prepare the user document, include API design and database design, and use 3-tier architecture for this project.
- Writing high quality code, participate in code reviews, design systems of varying complexity and scope
- Implemented various features such as task management module, customer service processing, creation and assignment of tasks, and abilities to add notes.
- Add permissions for task manager to improve both security and service.
- Implemented unit and integration tests to consistently deliver high quality features, and utilized SSRS to create daily and monthly analysis reports.
- Worked in scrum process attending daily stand up and completing tasks in sprints

**Language/Tools:** C#, ASP.NET MVC, Ajax, Entity Framework, LINQ, SQL Server 2005, SSRS

#### **Education**

Master of Science : Software Engineer 2009 University of Science & Technology City , State , China

Bachelor of Science : Biology 2005 Hunan University of Science & Technology City , State , China

#### **Skills**

#### **Programming Languages & Technologies:**

C# .NET, ASP.NET MVC, ADO.NET, WCF, JavaScript & jQuery, CSS3 & Bootstrap, HTML5, JSON, UML, XML

**Database:** T-SQL, SQL Server, LINQ, Microsoft Entity Framework, SQL Reporting Services

**Tools:** VS & TFS, MS SQL Server, Source Depot, IIS6/7, Code Flow, Bugger, WTT, Test Dashboard, Power BI, Git