

**Min Choi**

# Experience Summary

Mr. Choi has over 16 years of system integration and engineering experience spanning multiple programs with various high profile companies including Accenture, Lockheed Martin, Sun Microsystems (now part of Oracle) and Fannie Mae. Mr. Choi possess excellent critical problem solving skills in any mission critical systems and environments Mr. Choi is the Senior Solution Integration Consultant and Engineer for Talent Resource Hub, a subcontractor, working on Information Technology Application Services (ITAS) I and II program for Federal Deposit Insurance Corporation (FDIC). Mr. Choi is responsible for designing and developing test plans for both functional and performance-testing requirements of multiple mission critical applications. In this position, Mr. Choi also designed and developed automation test frameworks and strategies. Mr. Choi also provided performance-testing leadership in his work as Senior Systems Integration and Test Engineer for the US 2010 Census program and UK 2011 Census program, and as a consultant supporting Enterprise Service Management Centre for the Australian Taxation Office.

# Work Experience

**Vidoori January 2015 - Present**

**Program – Vader II-DHS**

**System Performance And Automation Lead / Virtualization Engineer**

● Design and implement virtualization for Vader Development and Test environment using

Microsoft Hyper-V

● Automate all the installation and deployment script for Vader customer code.

● Performed under hybrid agile iterative Rational Unified Process (RUP) to deliver the

SOURCE modernization for the Vader program.

● Ensured traceability of functional, performance, and automation test cases to requirements and use cases

● Managed product backlog items, decision items, tasks and bug tracking through

Microsoft Team Foundation Server 2013.

● Identified risks and provided mitigation strategies for deliverables in relation to functionalities and performance goals.

● Designed and developed performance test scripts using Selenium

● Designed and developed automation test scripts using Microsoft Test Manager Coded

UI in Visual C#.

**Salient Federal December 2014 - January 2015**

**Program – Information Technology Application Services (ITAS) II**

**System Performance And Automation Lead**

● Performed under hybrid agile iterative Rational Unified Process (RUP) to deliver the

SOURCE modernization for the ITAS II program.

● Ensured traceability of functional, performance, and automation test cases to requirements and use cases

● Managed product backlog items, decision items, tasks and bug tracking through

Microsoft Team Foundation Server 2013.

● Identified risks and provided mitigation strategies for deliver-ables in relation to functionalities and performance goals.

● Led the project team in analysis of critical functional and performance issues, and developed solutions working closely with architecture and development team.

● Designed and developed performance test scripts using SilkPerformer 15.0

● Designed and developed automation test scripts using Microsoft Test Manager Coded

UI in Visual C#.

A**ccenture Federal September 2013 - August 2013**

**Program – DHS TSA TIM (Technology Infrastructure Modernization)**

**System Performance Test Lead**

● Designed and developed performance test plans, cases and scripts using HP ALM Performance Center/LoadRunner 11 for TSA TIM application, a highly integrated credential management system.

● Designed and developed external interfaces stubs that simulate external interfaces to allow validation and testing without live interface to external stakeholders. Stubs were created using tools such as SoapUI MockServices and custom developed plugin for OpenFire XMPP communication server.

● Executed and supported the entire performance test activities, capturing necessary

metrics and reporting back to management with results and status

● Trained and mentored junior level team members

**Talent Resource Hub September 2007 - March 2012**

**Program – Decennial Response Integration System (DRIS) 2010**

**Sr. Solution Integration Consultant and Engineer, October 2007 - March 2012**

● Acted as the performance test lead to manage all aspects of performance testing activities from design, develop, and execution of performance testing in various mission critical applications across multiple programs for Lockheed Martin

● Supported and troubleshoot Oracle Database RAC and DataGuard by providing technical expertise on finding problems and formulating solutions to improve quality and performance of the database infrastructure

● Audited and analyzed data backup and archival process and system

● Supported transition of re-phasing of the test lab environment and the success of the production build out

● Created risks and support management based on test results and issues

● Analyzed performance test results and make recommendation for performance tuning

● Led 24/7 support for production including ensuring Service Level Agreement (SLA) deliverables are met on time

● Supported coordination effort between field engineering, system administration, development and test teams

● Identified and troubleshot issues with patch testing and deployment

● Supported complex reconciliation effort to produce high confidence results

● Performed functional/exception test testing, external interface testing and performance testing

**Program – Enterprise Service Management Centre (ESMC) for Australian Taxation Office (ATO)**

**Senior Systems Integration and Test Engineer, May 2011 – August 2011**

● Captured contract requirements and design/develop test cases

● Led test planning and requirement verifications of business performance benchmarking and reporting

● Designed and developed performance test plans and procedures

● Performed functional/exception testing and performance testing

● Supported infrastructure analysis and capacity planning

**Program – UK Census 2011**

**Senior Systems Integration and Test Engineer, September 2010 – April 2011**

● Designed and developed performance test plans, procedures and metrics

● Analyzed performance test results and provide test results summary for management review

● Managed and supported complex multi-tier Oracle database architecture handling over millions of transactions a day

● Supported on-site test execution and environment preparation for System Readiness Test, Performance Test, and Operation Readiness Test.

● Performed patch testing and performance testing

**Globotech Feb 2000 - Sept 2007**

**Client: Fannie Mae**

**Senior Infrastructure Architect, May 2006 – September 2007**

● Analyzed and designed system architecture supporting various financial applications for internal groups

● Synthesized customer need changes and determine impacts to baseline architecture

● Coordinated resources to ensure on-time project execution and deliverables on each area of responsibilities

**Client: TrendHub**

**Senior Systems Integration and Engineer Consultant, September 2005 – March 2006**

● Led team of systems engineers to implement and manage client’s enterprise platforms and websites

● Managed multi-tier enterprise application supporting individual skin analysis for cosmetics database

**Client: Sun Microsystems**

**Senior Systems and Solutions Engineer Consultant, November 2004 – August 2005**

● Audited and performance tuned Comcast’s Weblogic Cluster environment supporting millions of customers nationwide for automatic self-provisioning system

● Analyzed and performance tuned i4Commerce’s Weblogic Cluster environment

supporting billions of transaction daily for credit authorization system (Bill Me Later)

● Designed and implemented robust LDAP solution supporting over 400,000 users using SunONE Directory Server

**Client: Fannie Mae**

**Senior Systems and Solutions Engineer Consultant, November 2000 – September 2004**

● Supported and managed integration and deployment of internal group e-commerce platforms

● Designed and implemented secure proxy server architecture using Inktomi’s Traffic

Server and Websense content/site filtering

● Developed and integrated global redundancy solution using Resonate’s Global Dispatch

● Managed deployment of e-commerce platforms using iPlanet Enterprise Server, Directory Server, Weblogic, ATG Dynamo Servers, and Oracle Database for eFannieMae.com.

● Designed and implemented robust LDAP solution supporting over 400,000 users using SunONE Directory Server

**Client: Lockheed Martin**

**Senior System Engineer Consultant, February 2000 – September 2000**

● Performed functional tests and patch testing for Census 2000 Data Capture System (DCS)

● Managed over 1,000 multi-tier, multi-environment servers and workstations in production

● Supported performance tests and tuning for Census DCS

● Designed and developed Windows scripts and VB scripts to improve system administration tasks

**Digiweb/Interliant August 1997 - January 2000**

**Lead Engineer, September 1998 – January 2000**

● Managed team of system administrators to support over 200 web servers, application servers, and database servers

● Analyzed and implemented security policies for internal infrastructure

● Led support of over 15,000 clients’ hosted web sites and enterprise applications

● Provided project management and capacity planning for implementation and deployment of clients’ enterprise platforms and applications to internal hosting infrastructure

**System Engineer, August 1997 – August 1998**

● Interfaced with customers to provide solution and integration plan for their web sites and applications

● Managed over 150 servers in a heterogeneous environment

● Supported and managed real time media streaming services using Real Audio/Video and Windows Media Streaming

● Provided network administration for internal network infrastructure

# Technical Skills

**Languages:** Assembly, C, C++, HTML, SQL

**Software:** MS Office Suite, Active Directory, Oracle 9i/10g/11g, MS SQL Server, IBM Rational Clearcase/Clearquest/Requisite Pro, IBM Websphere MQ, MS MQ, Sun JMS, Plexus Floware, Symantec Backup Exec, Net Backup, IBML SoftTrac, WebSphere Application Server, Weblogic

**Test Tools:** HP ALM (including HP Quality Center and HP Performance Center/LoadRunner), SilkPerformer, SilkTest, Selenium, JMeter, Microsoft Test Manager, Neoload

**Systems:**  Windows 2000/2003/2008 Server, Solaris, RedHat, AIX

**Certification:** Cisco Certified Network Administrator

# Education

**University of Maryland at Baltimore County**, Baltimore, MD

Bachelor of Science, Information Systems Management: June 2003