Thomas O. Carey, Jr.

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**CLEARANCE: Top Secret/SCI Eligible Date: 10/2010 Agency: DOD**

# EXPERIENCE:

**Computer Sciences Corporation - U.S. Army Software Engineering Center –(Aberdeen, Maryland)**

***Software Engineer Principal Leader* *4/2011 - Current***

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* Responsible for the creation, administration, and maintaining of SQL Server 2005/2008 servers in a clustered environment.
* Instrumental in the BRAC efforts and the shifting of the U.S. Army production SQL environment from Ft. Monmouth, NJ and Ft. Belvoir, VA to Aberdeen Proving Ground, MD.
* Created and designed project virtual environments using VMware from solicited project requirements.
* Performed System Administration functions on Windows 2008R2 servers for project teams.
* Responsible for IAVA remediation of project servers.
* Performed Retina and ADDM scans on project servers
* Provided security documentation for best practices for Windows Servers.
* Performed STIG testing and remediation for Windows Servers, SQL Servers, and IIS Servers.
* Responsible for the database design on a small tiger team created to form a template for Army applications to migration to a cloud computing environment.
* Work closely with developers to improve application resiliency, business continuity, and disaster recovery response.
* Responsible for the creation of SAAS private cloud environment using Outsystems software.
* Created a PAAS private cloud environment using VMware tools.

**Chenega Federal Systems – Advanced Solutions Group (Tampa, Florida)**

***Senior IT Specialist 2/2008 –4/2011***

* Validated security architectures to meet established baseline requirements; identify deficiencies and recommend mitigations/countermeasures.
* Subject Matter Expert for ensuring product(s)/system(s) meets the criteria for Certification and Accreditation
* Designed Information System Security as set forth in DCID 6/3 and DoD Directive 8500.1
* Reset passwords using Active Directory, troubleshoot network connections and handle other related trouble calls while working at the help desk.
* Ensured all systems are patched and compliant with all Information Assurance Vulnerability Alerts according to DOD regulations and policies.
* Administered Active Directory for OUS with Machine and User accounts applying access control categories and measures.
* Researched and monitored event logs (application, security, and system) on Microsoft Based platforms.
* Supported quality assurance engineers through software testing: bug regression and verification of security processes and compliance.
* Configured and supported Microsoft Forefront Servers
* Deployed Microsoft Forefront Client Security to all clients in the OU
* Configured and supported Microsoft ISA Servers

# Daily monitoring and management of our SQL Servers, responding to any warnings or performance degradation.

* Performed installation and administration of our BizTalk ESB solution and Team Foundation Server to be used by our customer and internal development team.

# Lead database administrator position for maintaining and designing databases that support the Special Operations\PSYOP community.

# Designed, implemented, and maintained Microsoft SQL Servers consisting of VMWare VI3, Windows Server 2008 Enterprise, and SQL Server 2005 and 2008 Enterprise.

* Administer an internal SharePoint portal and external facing customer SharePoint collaboration site built in MOSS 2007.
* Collaborated with software developers to design database solutions that support the Special Operations\PSYOP community.

**Source Interlink Companies – Fort Myers, Florida**

***Database Engineer 2005– 2008***

# Validate security architectures to meet established baseline requirements; identify deficiencies and recommend mitigations/countermeasures.

* Develop, publish, and maintain validation documentation and development artifacts
* Reset passwords using Active Directory, troubleshoot network connections, and handle other related trouble calls related to connectivity and security.
* Supervised SOX audits in areas of databases and software development.
* Decision maker in business continuity planning and disaster recovery planning teams
* Contributor in risk management activities

# Performed upgrades, patch maintenance and integration with vendor software on Windows platforms.

# Designed and maintained of Database environment at Source Interlink Companies Periodical Fulfillment division, a $2 billion dollar media company.

# Supported a distributed SQL Server and Oracle database environment

# Served as technical project lead for database server consolidation project, collapsing several database servers to virtual environments using VMware and blade servers.

* Created business continuity solutions for SQL Servers using asynchronous database mirroring from the Fort Myers, FL facility to the warm site in Kentucky

**Microsoft Corporation - Charlotte, NC**

***SQL Server Support Engineer 2000 – 2005***

* Provided responsive and reliable technical solutions to Fortune 1000 clients using SQL Server to deploy their client/server applications
* Created knowledge base articles and support webcasts for the Microsoft Support website.
* Identified and reported software bugs in pre-release Microsoft software.
* Mentored 5-6 junior members of the SQL Server Support team. Created one-on-one training to improve their skill set.
* Worked on the Rapid Response team. Was sent to customer sites when Microsoft Premier Customers had production database issues. Clients included John Deere, Department of Corrections of Pennsylvania, Department of Justice, and the White House Communications Agency.
* Tested pre-release products, SQL Server 2005 and SQL Express.
* Used strong troubleshooting skills to breakdown complex SQL Server issues.
* Solved SQL Server issues related to corruption, debugging, concurrency, optimization, memory, clustering, replication, connectivity and security, setup, DTS, and Log shipping.

**Morgan Computer Services - Christiana, DE**

***Database Engineer 1999 – 2000***

* Worked as a permanent contractor working from General Motors North America – Saturn Division in Wilmington, DE.

###### Managed several Digital Alpha servers with Microsoft NT 4.0 operating system and Microsoft SQL Servers of the multi-million dollar Boxwood Assembly plant.

###### Created and executed project plan to convert Microsoft SQL Server from version 6.5 to Microsoft SQL Server 7.0.

###### Responsible for plant wide database administration, database security, user permissions, server alert processing, SQL Server task scheduling, replication, network connectivity and support, and SQL tuning.

###### Additional responsibilities included 3rd level desktop support for Windows NT 4.0 and Windows 95.

###### Assisted in the plant-wide Y2K conversion effort which assured 800 desktop workstations and servers were Y2K compliant.

**EDUCATION:**

HODGES UNIVERSITY, Naples, Florida

**Bachelor of Science in Information Systems Management** - **Cum Laude**

FLORIDA STATE UNIVERSITY, Tallahassee, Florida

**Masters of Science in Information Systems**

CAPITOL COLLEGE, Laurel, Maryland

**Doctorate of Science in Information Assurance** -- estimated completion 2014

**TECHNICAL EXPERTISE/CERTIFICATIONS**

**(ISC)2 Certified Information System Security Professional (CISSP)**

**CompTIA Network+**

# CompTIA A+

**CompTIA Security +**

**ISACA Certified Information Security Manager (CISM)**

**Microsoft Certified IT Professional (MCITP): Database Administrator SQL 2005**

**Microsoft Certified IT Professional (MCITP): Database Administrator SQL 2008**

**Microsoft Certified Systems Engineer (MCSE)**

**Microsoft Certified Database Administrator (MCDBA) SQL Server 7 and 2000**

**Microsoft Certified Technical Specialist (MCTS) Windows 7**

**Microsoft Certified Technical Specialist (MCTS) Windows Server 2008**

**Outsystems Support Engineer**

**EXIN ITIL Foundations Certification**