

## TEST ENGINEER 4

### Summary

Highly skilled Computer Scientist offering 20+ years of IT experience, including over 9 years of system administration, 8 years of software/system testing support, and over 2 years of database development/administration. Strong analytical and problem-solving abilities earning a reputation as the "go to" person. Extensive knowledge in maintaining and troubleshooting complex software and network issues on both Windows and UNIX-based systems. Solid expertise in interoperability, developmental and operational software/system test and evaluation. Proven hardworking and top-notch performer, receiving numerous awards, recognition, and praiseworthy feedback from company leadership, government action officers, program management, and other colleagues. Quick to learn the nuances of new software/hardware releases.

### Highlights

- Active DoD Secret Security Clearance
- Certified CompTIA Security+ Professional
- Self-starter
- Team player
- Customer-oriented
- Analytical
- Agile development methodologies
- Requirements analysis and design phases

### Accomplishments

Designed, developed and produced [Product Name], which was successfully implemented by [Company Name].

### Experience

#### Test Engineer 4

January 2014 to Current Geocent 1/4 Mechanicsburg, PA

#### Joint Interoperability Test Command (JITC)

Responsible for conducting interoperability test plans, assessments, evaluations, and analysis of system interface data transactions for interoperability certification of the following DLA systems: Energy Convergence (EC), Enterprise Business System (EBS) and Defense Information System for Security (DISS).

Certify that each EC and EBS release meets its interoperability requirements based on reliable and accurate interface data collected during both developmental and operational test events.

Provide DoDAF architecture development and maintenance assistance to the Architecture Team by analyzing and mapping required architecture products.

Coordinate test interoperability data collection strategies with the EC, EBS, and DISS Program Offices and other organizations involved.

Provide interoperability certification test plans, quick look reports, assessment reports, and evaluation reports as required.

Verify that all required EC, EBS, and DISS JCIDS documentation are in accordance with the mandates provided in the Chairman of the Joint Chiefs of Staff Instructions.

Provide technical guidance and advice to the JITC Government Action Officers.

Serve as the back-up Task Lead.

Provide support to the Defense Agencies Initiative (DAI) program during DT&E (System Integration Test).

Lead Interface Testing efforts for DAI.

Provide support/assistance for other programs going through the interoperability certification process.

#### Test Engineer Sr. Professional

September 2008 to September 2013 Planet Pharma 1/4 Manassas, VA

#### JITC

- Responsible for conducting interoperability test observations, assessments, evaluation, and analysis of system interface data transactions for interoperability certification of the General Fund Enterprise Business System (GFEBS).
- Certify that each GFEBS release meets its interoperability requirements based on reliable and accurate interface data collected during both developmental and operational test events.
- Provide DoDAF architecture development and maintenance assistance to the GFEBS Architecture Team by analyzing and mapping required architecture products.
- Coordinate test interoperability data collection strategies with the GFEBS Program Office and other organizations involved.
- Provide interoperability certification quick look reports, assessment reports, and evaluation reports as required.
- Verify that all required GFEBS JCIDS documentation is in accordance with the mandates provided in the Chairman of the Joint Chiefs of Staff Instructions.
- Provide technical guidance and advice to the JITC Government Action Officer.
- Provide support/assistance for the Defense Enterprise Accounting and Management System (DEAMS) project, as well as other programs going through the interoperability certification process.

#### System Administrator Sr. Professional

December 2003 to September 2008 Sentinel Technologies Inc 1/4 Joliet, IL

#### JITC

- Install, upgrade, and troubleshoot operating systems (both UNIX and Windows-based) and Defense Message System (DMS) applications.
- Configure test networks and integrate DMS products with commercial off-the-shelf hardware and software on existing networks.

- Test, evaluate, and report on various DMS products and upgrades within a lab environment.
- Prepare test plans, procedures, reports, and other documentation as required.
- Review and redline DMS technical documents.
- Participate in site calls with other labs to report status and discuss technical issues.
- Install Certificate Authority Workstation (CAW) software, manage certificates and personalities stored in the CAW and on FORTEZZA and CAC cards, as well as troubleshoot hardware issues.
- Assist other employees in the DMS lab and other labs within JITC as required.

#### UNIX Systems Administrator

October 2003 to December 2003 Booz Allen Hamilton Inc. 1/4 Saint Inigoes , MD

#### Internal Revenue Service (IRS)

- Support the IRS PRIME computer and network infrastructure.
- Provide instructional documents for VERITAS NetBackup backup and restore procedures.
- Assist in automating software distribution to SUN Solaris machines using IBM Tivoli Management software.
- Attend regular Infrastructure team meetings.

#### Engineer

March 2002 to October 2003 CSC 1/4 City , STATE

#### U.S. Customs and Border Protection

- Provide network, hardware, and software support for the U.S.
- Customs and Border Protection.
- Provide UNIX server (Solaris & AIX) administration for large and complicated development, test, and production environments.
- Setup and configure hardware, network, UNIX (Solaris, AIX, and LINUX) operating systems and other applications.
- Support developers' requests for space allocation from the SAN Storage.
- Troubleshoot and maintain the VERITAS Clustering System on various machines for backup and redundancy.
- Use IBM Tivoli NetView and Tivoli Monitoring to monitor applications such as MQSeries and WebSphere.
- Monitor and maintain network usage and connectivity using scripts and UNIX commands.
- Maintain and troubleshoot both AIX and SUN Solaris disks, volume groups, and file systems.
- Perform and monitor backups and restores using VERITAS NetBackup.
- Manage user accounts for all UNIX machines using Tivoli User Admin.
- Provide Windows NT/2000 support between various office environments.

#### Systems Administrator

October 2001 to March 2002 CSC 1/4 City , STATE

#### Federal Aviation Administration (FAA)

- Provide field site engineering support for the FAA's DSP (Departure Spacing Program).
- Install HP-UX operating systems with HP-VUE and DSP software.
- Set up UNIX demo systems for FAA DSP briefings and DSP training systems for observation at the Washington Air Route Traffic Control Center.
- Perform system administration tasks and respond to trouble calls for Washington Metropolitan Area Airways Facilities (Baltimore Washington International Airport, Reagan National Airport, Dulles International Airport, Potomac TRACON, Washington ARTCC, ATCSCC, and Andrews Air Force Base Tower) Assist in the collection and research of data for departures and crossing fixes for the development of the Departure Spacing Program.
- Participate in Washington Metropolitan Area Airways Facilities site surveys, and interface with the FAA customer.

#### Communications Specialist

December 2000 to October 2001 FC Business Systems 1/4 City , STATE

#### Defense Information Systems Agency (DISA)

- Responsible for the staging, installation, and network configuration of new software and hardware at Defense Enterprise Computing Centers worldwide Perform the staging and network setup of additional servers, running various HP platforms, at Lockheed Martin, operating under strict deadlines.
- Install and configure HP-UX 11.0 and Defense Message System (DMS) software on various HP servers.
- Install and setup multiple Joint Intrusion Detection Systems running SUN Solaris at various sites.
- Perform constant HP hardware, software, and UNIX OS troubleshooting as part of the DISA's DMS Implementation Team.

#### Mid Computer Scientist

October 1999 to December 2000 Validity Corporation 1/4 City , STATE

#### JITC

- Responsible for configuring, troubleshooting, and testing applications such as Microsoft Exchange Server/Clients, Lotus Domino Server/Clients, and various Defense Message System (DMS) Specialty Products on UNIX platforms.
- Assist in employee interviews & evaluations, and attend network infrastructure plan meetings as the designated technical team lead.
- Provide both technical on-site & phone support to other lab team members.

- Indoctrinate & guide new team members as the "Go To" technical person in the team.
- Monitor the performance, usage, and storage space of UNIX and Windows servers/clients within the network.
- Assist in configuring and maintaining both a Raptor and Sidewinder Firewall.
- Create and manage user certificates & personalities stored on FORTEZZA Cards.

#### Intern / Database Developer

August 1997 to October 1999 Naval Surface Warfare Center (NSWC) 1/4 City , STATE

- Develop and maintain an Engineering Change Proposal database using SQL.
- Analyze user requirements to carefully plan/design an efficient database.
- Apply SQL programming and database skills to test and evaluate the database.
- Use tools to make the database user-friendly and easily accessible for unfamiliar clients.
- Use project-planning skills to improve, update, and manage the database.
- Participate in the translation of an existing project management plan into a self-directed learning module, using HTML to enable access via Internet.

#### Computer Lab Assistant/Student Tutor

August 1995 to August 1997 UMBC ECS Lab UMBC 1/4 City , STATE

- Assist in maintaining computers and network connectivity in the ECS lab.
- Serve as a tutoring assistant helping students in various computer science courses.
- Help students to understand and troubleshoot problems with computer programming assignments in C, C++, and SQL.
- Provide students help with basic UNIX commands.

#### Education

Master of Science : Management Information Systems Technology The George Washington University

Bachelor of Science : Computer Science , 1998 University of Maryland Baltimore County

#### Skills

- Languages:Â C, C++, Java, JavaScript, HTML, UNIX Shell Scripting, SQL, Prolog, Visual BASIC, COBOL, Assembly Language
- Databases/ERP:Â SAP, Oracle, DB2, PowerBuilder, FoxPro, Access
- Operating Systems:Â UNIX (AIX, Solaris, HP-UX, IRIX, HP-VUE, RedHat Linux, SCO UNIX, VAX/VMS), Windows Workstation/Server/Advanced Server, ME, MS-DOS, Mac OS
- Security:Â DMS Software, Sidewinder Firewall, Raptor Firewall, Extranet VPN Client, Fortezza Cards, CAC cards, Intrusion Detection Systems, STOP4.4, XTS-300, VATS System, security scripts
- Software:Â HP OpenView, Tivoli Products, WebSphere, MQSeries/IBM MQ, HMC (Hardware Management Console), Hummingbird, Exceed, Service Center, PVCS, SAP R/3, VERITAS Foundation Suite, Cisco LAN Management Suite, Lotus Notes/Domino Server, MS Exchange Server, Citrix, ImageCast, Borland, Microsoft Visual Suite, MS Office products, SharePoint, ARIS, BMC Remedy ITSM

#### Special Awards:

- ENGILITY Spot Award for contributing to an efficient and successful System Integration Test and leading Interface Testing efforts for DAI (2015)
- TASC Spot Bonus Award in appreciation for exceptional achievement & contribution to TASC (2014)
- TASC-N Contractor of the Quarter for outstanding performance and lasting contributions with General Fund Enterprise Business System (GFEBS) (2011)
- JITC Golden Eagle Award for outstanding support provided to the GFEBS program (2010)
- NGIT Contractor of the Quarter for outstanding performance and lasting contributions with the DMS Test Team (2007)
- JITC Golden Eagle Award for superb efforts during the DMS reconfiguration of the Indian Head DMS lab and for input to the engineering plan and assistance in the development of an internal Plan of Action and Milestones (POA&M) (2007)
- JITC Golden Eagle Award-for superb efforts over the course of DMS Release 3.1 Developmental and Operational Test Campaigns (2006)
- JITC Golden Eagle Award for outstanding contributions to DMS Limited User Field Test as Data Manager for the Knoxville ANGB test site (2006)
- NGIT Letter of Appreciation for outstanding contributions to the DMS LUT (2006)
- DISA Certificate of Appreciation for dedicated efforts in support of the Systems Implementation Division and contributions in support of DMS in the field (2001)