**NICHOLAS J. SESSA**

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**Work Experience:**

**Dun & Bradstreet – Short Hills, NJ**

March 2011 - August 2018

Title: Systems Analyst

* Responsible for supporting Oracle Database projects & analysis
* Worked closely with Global Finance organization to realize the full capabilities of technology by driving efficiency and productivity initiatives across the company
* Made recommendations for fixes and changes to applications for the back office
* Wrote ad hoc Unix Shell scripts for file transfers to third party systems and legacy testing system
* Supported testing application via VB .Net

**Fannie Mae - Herndon, VA**

August 2009 to March 2011

Title: DOORS Administrator

* Maintain users (passwords, accounts, access rights)
* Write custom utilities using DXL for reporting and updating the database
* Created and maintained utilities to enforce proper linking
* Point of contact for troubleshooting DOORS related issues
* Establish procedures for proper linking. (Linksets and linkset pairings)
* Monitor license usage
* Import and export to/from various formats (CSV, XML, RTF)

Other software used in day to day work include:

* ClearQuest (for tracking tickets)
* ClearCase (for maintaining DXL scripts)
* MS Office (Mostly Outlook, Excel and Word)

**Quality Lifecycle Solutions Inc. – Various locations**

August 2005 to March 2009

Title: DOORS Software Engineer

**DOORS Consultant**

* Database administration
* Customization using DXL
* Performance tuning
* Installation
* Troubleshooting
* Training

**As a consultant, some of my projects** **included:**

1. **General Electric (Greenville, SC)**
   * Setup a DocExpress Factory environment and trained users in its operation
   * Provided DOORS training and support
   * Created custom forms using DXL for the management of various DOORS modules. Key elements included: Shareable edit, data validation, dynamic list views, an option to export to HTML, managing objects, and object navigation.
2. **Freddie Mac (Mclean, VA)**
   * Provided DOORS administration
   * Created custom reports using DXL to output data to HTML and CSV format
   * Created custom DXL scripts which gave users the ability to create linksets and linkset pairings for their projects
   * Installed triggers on modules that would automatically modify key fields if a particular attribute or attributes were modified
   * Created a DXL script to display link information in a DOORS table if links existed. (Similar to a Layout DXL column except that it used Attribute DXL (for performance)
   * Trained users on DOORS
   * Import/export data into DOORS from CSV and Microsoft Word
   * Managed DOORS users, permissions, standards and procedures for new projects.
   * Setup linksets and default linkset pairings to facilitate proper linking order
3. **Honeywell (offsite)**
   * Created a custom interface using DXL which enabled users to enter and manipulate DOORS modules. Key elements included creating a multi user environment (shareable edit), maintaining links, linksets, user permissions, search fields and object navigation
   * Created DXL scripts to create and maintain template modules
4. **ITT Electronic Warfare Systems (Clifton, NJ)**:
   * Created an Enhanced Setup for Sharing DXL script that added to the functionality of the existing Setup for Sharing utility in that it also allowed the user to remove shareable edit sections
   * Created DXL scripts to query multiple modules in order to gather metrics. The metrics were then exported to Microsoft Excel through OLE automation.
5. **Boeing (offsite)**:
   * Created DXL scripts to gather volatility metrics
   * Created a form using DXL to manage requirements. The form handled shareable edit, links, exporting to Microsoft Word and CSV formats.
6. **QLS Internal Projects**:
   * Tested the Team Foundation Server to DOORS integration
   * Created a DXL script to “clone” a module. It captured all the module’s attribute definitions, types and views in XML format.
   * Created a DXL script to “restore” a module from XML.

#### Telelogic (formerly QSS Inc.), Mt. Arlington, New Jersey

February 2000 to June 2005.

##### Title: Senior Customer Support Engineer

Dept: Customer Support

* Provided phone, email and onsite support to customers using the DOORS suite of products.
* Specialized in diagnosing DOORS related technical issues on Solaris, HPUX, Linux and Windows platforms.
* Extensive writing and troubleshooting of the DOORS eXtension Language (DXL).
* Wrote UNIX Korn shell scripts (startup scripts, data reporting, application management)
* Data reporting using MySQL and MS Access.
* Troubleshoot web applications (DOORSnet) and various web servers such as iPlanet, Apache and IIS.
* Maintained user accounts, permissions, simple routing and various applications on several Sun Solaris machines.
* Installed and troubleshoot various DOORS integrations such as Rational Rose.

#### Call Sciences, Edison, New Jersey

June 1999 to February 2000.

##### Title: Network Operations Engineer

Dept: Network Operations Center

* Unix administrator, responsible for maintaining 100% uptime in a 24x7 telephony environment.
* Monitored disk space, processes, ports, memory usage, routing.
* Installed, configured and troubleshoot various telephony systems and software on Solaris, HPUX and SCO servers.
* Point of contact between customer service, developers and telephony providers for troubleshooting purposes.

#### MetLife, Bridgewater, New Jersey

December 1996 to June 1999.

##### Title: Programmer/Analyst and UNIX Administrator (AIX)

Technical Support Team Leader for Y2K project

Dept: Information Technology (Y2K)

* Wrote and Modified JCL, and COBOL date expansion routines.
* Trained team leaders in the use of Y2K conversion
* Wrote SQL queries on MS SQL and output to Crystal Reports
* Installed UNIX and Windows server software
* System admin for multiple AIX servers
* Set-up shared network drives using NFS and Samba
* Maintained daily backups to tape using TAR
* Installed/supported Win95/NT client workstations

**Skills:**

* DOORS DBA
* Oracle, Pl/SQL
* DXL Scripting
* Doc Express Factory
* UNIX/Linux Administration, Shell Scripting, Maintenance, Troubleshooting and Operation.
* HTML5, CSS, JavaScript
* Solaris, HPUX, AIX, SCO and Linux.
* COBOL, SQL, JCL, DB2, CICS, C
* Windows, Microsoft Office
* Basic networking skills(Ethernet, IPv4), Samba, Bind, Sendmail, SSH, DHCP, basic telephony on UNIX, routing and accounts on an STX (telephony) switch.

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**Education:**

#### The Chubb Institute, Parsippany, New Jersey

December 1996 Diploma in Computer Programming - 94.0 Grade Point Average

##### Major: Cobol Minor: SQL, C, Visual Basic

#### County College of Morris, Randolph, New Jersey

In progress.

##### Major: Computer Information Systems

#### Cisco Academy, Morris County VoTech, Denville, New Jersey

Preparation for the CCNA certification