**TERRY BROMAN**

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**Software Development Engineer | Solutions Delivery**

Successful Software Engineer with extensive experience building applications and tools for Fortune 500 clients. Demonstrated skills with virtualized and cloud applications and creating scripts to automate tasks. Collaborative communicator capable of working with cross-functional internal and external technical teams to drive solutions aligned with client requirements.

**Areas of Expertise**

Cloud and Virtualization Enterprise Servers Configuration

Scripting and Automation Technical Support Network Security

Hardware Support Agile Methodologies Server OS Solutions

**Core Technical Competencies**

**Languages/Technologies** Java/J2EE**,** PowerShell, C/C++, Perl, HTML, XML, JSON, GIT, Maven, SVN, REST, Eclipse, Visual Studio, NetBeans

**Database** MySQL

**Virtualization/Cloud** Azure Stack, Hyper-V, VMWare

**Networking** Cisco Appliances: Switches and Routers, CCNA

**Operating Systems** Microsoft Server OS NT-2016, Windows 7/10

**Experience**

**Data Center Support Engineer**

Tata Consultancy Services – Redmond, WA, Contractor 2019 – 2020

Provide Microsoft with System Administrator and Hardware Services.

* Deploy Hyper-V VMs
* Active Directory Management
* Debug VM issues
* PowerShell Tools Scripting
* Hardware Support
* Security Patching

**Advisory Software Engineer**

Lenovo – Kirkland, WA 2014 - 2018

Provided Lenovo Customers with example PowerShell Scripts to interface with Lenovo Servers for updating firmware, retrieving metrics and setting options using the Redfish API implemented in Lenovo Baseboard Management Controllers.

* Worked with Microsoft on Azure Stack leveraging the Lenovo XClarity Administrator hardware management application to interface with the Azure Stack Patch and Update process for Firmware Updates on the Lenovo ThinkAgile SXM product servers.
* Provided support to the network team for overflow testing of several Network Switches for integration into Lenovo XClarity Administrator for ThinkAgile SXM.
* Managed the Lenovo Kirkland site Lab Network as the Network Lead providing Security Updates, Subnet IP's and Switches for use by team members ensuring secure data movement across the network.
* Provided the Operating System Preload Team with an automated solution for a Bare Metal Unattended Installation process of Windows Server 2016 Nano Server on Lenovo Servers resulting in faster deployment to customer sites.
* Collaborated with Microsoft to provide an XClarity Administrator Virtual Appliance on Hyper-V for a System Center solution for Lenovo Customers.
* Java Developer for initial release of Lenovo XClarity Administrator primarily collecting metrics from Lenovo Servers through REST API functionality.

**Staff Software Engineer**

IBM Corporation – Kirkland, WA 1995 - 2014

Hired on as a full time employee as a Java Developer for the IBM Systems Director product.

* Java Developer on an IBM Systems Director plug-in named Remote Deployment Manager providing Bare Metal Deployment of Windows Server OS's on IBM Servers.
* Provided Level 3 Customer Support for the IBM Systems Director product including debugging and fixing Java defects working directly with IBM Customers, resulting in improved software functionality and customer satisfaction.

**Software Developer**

IBM Corporation – Kirkland, WA, Contractor Term Employee 1993 – 1995

Debugged, tested, and ported Windows C/C++ code to run Windows NT on the PowerPC processor.

* Managed the Stress Test suite of programs for Windows NT on IBM PowerPC architecture.
* Designed, created and tested single package installation solutions for multiple IBM ThinkPad models for the Windows 95 and Windows 98 Operating Systems and made them available for the IBM Update Connector customer feature.

**Education**

**Associate of Applied Science, Computer Information Systems**

North Seattle College | Seattle, WA

**Certifications**

Cisco Certified Network Associate - CCNA