Resume of Vic Engle

Email - victor.engle@gmail.com

Senior Systems Engineer with expertise in automation, Enterprise Storage and complex heterogeneous server environments.

Software:

- Python, Perl, Shell, Apache, MySQL, Sqlite, Git
- Solaris, Linux, Cloud
- EMC, HDS Hitachi, NetApp, HP Storage
- Storage Replication and DR (Disaster Recovery)
- Cisco MDS and Brocade Fibre Channel storage networking.

Hardware:

- EMC Symmetrix, VMAX
- Hitachi VSP , HUS VM, AMS and USP V https://github.com/vicengle
- NetApp FAS
- Brocade DCX backbones
- Cisco MDS 97xx and 95xx directors
- All major mid-tier storage arrays
- SSD Flash storage

Specialties:

- UNIX Systems Engineering, and Administration
- Enterprise SAN and Storage Architecture
- Highly resilient and scalable SAN and Storage systems
- Automation and integration using Python and Perl
- High performance Storage Planning and Management
- Infrastructure design for Tier 0, Data warehousing and lower environments
- Storage and SAN Fabrics: migrations and life-cycling
- Infrastructure PoC s (Proof of concepts)
- UNIX Systems Engineering, and Administration

Work Experience, Current:

Deutche Bank
10/2016 - Present
Assistant Vice President - Systems Engineer

Software development for Deutsche Bank's internal Web hosting platform. Writing and debugging Perl code and working to resolve integration and production issues relating to the web hosting platform which includes perl automation and in depth skill with the linux hosting environment. This includes the OS itself along with Apache and related technologies.

Datalink
3/2016 - 10/2016
Storage Engineer

Managing SAN and NAS storage systems including NetApp CDOT and 7-Mode, HDS AMS, HUS and VSP and EMC VMAX and XtremIO.

Work Experience, Past:

TIAA-CREF
11/2010 – 3/2016
Lead Storage Engineer

As Lead Storage Engineer my role at TIAA-CREF is to plan, design and implement SAN storage infrastructure. This includes fibre channel networks and large enterprise storage subsystems. In addition I develop automation for creating and managing complex site to site storage replication and disk cloning using python, perl and unix shell.

Areas of focus include replication, storage performance and storage best practices. Work with the Oracle and UNIX teams to analyze and resolve Oracle storage performance issues.

I am also involved in problem analysis and determination of root cause for very complex storage related problems. **I am able to draw on my years of senior level host OS skills with Unix especially to be particularly effective in understanding and resolving host side storage related problems..**

Insight Global / Cisco Systems (GGSG) CONTRACT
12/2008 – 06/2009 And 04/2010 till 11/2010
Lead Storage Engineer

- Managing Storage for Cisco's Federal Government group, storage engineering, capacity planning, provisioning and monitoring.

- Developed storage refresh plan.
- Redesigned Netbackup infrastructure for enterprise backups.
- Providing lead support for the solaris environment while also supporting the linux team.
- Migrated Cisco GGSG Clear Case environment from Solaris8 to Solaris 10, including five new Sun servers.
- Assist the Oracle team with Oracle specific OS tuning and performance issues.

Becton and Dickinson

06/2009 – 4/2010
UNIX Systems Administrator

- Supporting a large UNIX infrastructure made up of Sun M9000s, 6800s and 6900s running Oracle and SAP in a virtualized environment.
- Designed and implemented scripts using Perl to automate split mirror backups of SAP/Oracle.
- Wrote functional specification for a system configuration tracking application. Developed and Implemented the system configuration tracking application using Perl, MySQL and Apache.
- Assist the Oracle team with Oracle specific OS tuning and performance issues.
- Assist the Oracle team with Oracle specific OS tuning and performance issues.

Xsigo Systems
5/2008 – 12/08
Systems Engineer

- Working in a sales and systems engineering role to deliver and integrate Xsigo's virtual I/O director into customer's environments.
- Pre and post sales systems engineering
- Customer presentations and implementations

Network Appliance
7/2006 – 5/2008
SAN Integration Engineer
Achievements:

- Developed scripts for the SAN attach kit.
- Developed and executed test plans for Veritas Cluster with Netapp SAN.
- Lead ZFS interoperability testing with Netapp storage.

Responsibilities:

- Build and configure complex clustered environments using Solaris 10, Sun Cluster and
- Veritas Cluster with shared storage configured from Netapp arrays. Measure and analyze host and storage behavior during injected faults.

- Configure and test Solaris 10 systems using Sun native drivers and OEM drivers.
- Configure Solaris Zones and LDom's.
- Configure Solaris 10 using both FCP and iSCSI transports..
- Investigate new releases and features of the Solaris fibre channel stack
- components for changes that could impact the SAN attach solution; components
- including but not limited to: Native drivers, HBAs, multipathing (MPxIO) SW,
- volume management, host clustering, installation/packaging, & bug fixes.

Additional Experience

Unisys / Defense Information Systems Agency, Montgomery, AL 3/2005 – 7/2006
US LEC, Charlotte, NC (CONTRACT), 2004 – 2/2005, Senior Unix Systems Administrator
Duke Clinical Research Institute, Durham, NC 3/2001 – 2/2004 Sr. Unix Systems Administrator
Systems Programmer Nov 2000 – Mar 2001 Lockheed/Martin RTP/Raleigh NC
Systems Programmer April 1999 • Nov 2000 Cox Target Media Largo Florida
Technical Systems Engineer Oct 1998 • March 1999 NationsBank College Park, Georgia
Senior Field Engineer Oct 1997 - Oct 1998 Vicor Atlanta Georgia
Senior Field Engineer 1981 - Oct 1997 AGFA - Division Of Bayer, Atlanta Ga

Courses Completed on Coursera.com

The Data Scientist's Toolbox
Johns Hopkins UniversityUsing Python to Access Web Data
University of Michigan
Grade Achieved: 99.3%

Using Databases with Python
University of Michigan
Grade Achieved: 100.0%

Python Data Structures
University of Michigan
Grade Achieved: 99.2%

An Introduction to Interactive Programming in Python
Rice University
Grade Achieved: 86.5%

Think Again: How to Reason and Argue
Duke University
Grade Achieved: 96.3%
with Distinction

Web Application Architectures
University of New Mexico
Grade Achieved: 99.8%

The Data Scientist’s Toolbox
Johns Hopkins University
Grade Achieved: 100.0%