

Resume of Vic Engle

Email - victor.engle@gmail.com

victor.engle@gmailSenior level SAN Storage Engineer with expertise in Enterprise Storage and complex heterogeneous server environments.

Software:

- EMC Unisphere for VMAX, SYMCLI
- EMC Symmetrix Performance Analyzer (SPA)
- EMC FAST VP, FAST, Optimizer, SRDF, TimeFinder
- Python, Perl, Shell, Apache, MySQL, Sqlite, Linux
- Hitachi Storage Command Suite
- Hitachi Tuning Manager
- Hitachi HUR, True Copy and ShadowImage
- NetApp Data ONTAP 8, 7-Mode
- Brocade Network Advisor (BNA)
- SANscreen

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:

- 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:

Datalink

3/2016 - Present

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.

Areas of focus include replication, storage performance and storage best practices.

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.

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.

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.

Email - victor.engle@gmail.com 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 University Using 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%