

## Professional Profile:

GitHub - <https://github.com/vicengle>

LinkedIn - <https://www.linkedin.com/in/vicengle>

## Systems UNIX Engineer with expertise in automation, Web technologies and Enterprise Storage in complex heterogeneous server environments.

### Software:

- Programming:
  - Python, Perl, Shell
- Web Technologies:
  - Apache, NGINX, MySQL, Sqlite, PHP
- OS Skills:
  - Linux, Solaris, Windows
- Automation / Configuration Management
  - Ansible
  - Vagrant
- Enterprise Storage:
  - EMC, HDS Hitachi, NetApp, HP Storage
  - Storage Replication and DR (Disaster Recovery)
  - Cisco MDS and Brocade Fibre Channel storage networking.

### Specialties:

- UNIX Administration and Automation
- Enterprise SAN and Storage Architecture
- Highly resilient and scalable SAN and Storage systems
- High performance Storage Planning and Management
- Infrastructure design for Tier 0, Data warehousing and lower environments

### Work Experience, Current:

#### Deutsche 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.
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## **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.

## **Additional Previous 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