

**EXPERIENCE:**

**MPower Energy, Brooklyn, NY  
Energy Support**

**Aug2017-present**

- Mpower is the local clean Energy Conservation Products & Services supplier for New Jersey.
- Derived sources stem from with Wind, Solar and Hydro that are 100% renewable energy sources.
- Craft custom protection plans for customers where they are switch to clean energy.
- Maintain a positive track record in the market place by establishing trust.
- My team goals are to stimulate awareness, lower costs, improve efficiency and encourage new technologies.

**International Foundation for Information Technology (IF4IT), Summit, NJ  
Linux Engineer**

**Mar2016 - Aug2017**

- Implemented Docker Toolbox for QA to production moves with prebuilt and custom built images.
- Performed AWS support for Production and Test environments with AWS EC2 and S3.
- Corrected system break fix with troubleshooting support for standing applications and updates.
- Set up Virtual environments using AWS Cloud Technologies to host Docker images.
- Made lift & shift to EC2 deployments into Amazon Linux (AMI)'s with projects for Centos.
- Maintained and configured MongoDB installations.
- Authored and implemented Chef recipes to enforce that QA and Production stayed in sync for launch.
- Maintained Git and other github repos for Perl, bash and Python scripts with shell dotfiles configurations.

**Columbia University, NY, NY  
Associate Systems Engineer**

**Jul2015 - Mar2016**

- Supported Jira & Confluence with git integration for Jira.
- Moved public facing web based software to AWS EC2 instances.
- Created Perl Solr backups with configuration file's as a template's.
- Created dashboards for system metrics with Grafana and addressed alerts for solutions of outages using influxdb.
- Created VM instances for testing lift and shifted to QA via Chef automation.
- Built and deployed Ubuntu laptops for software engineers for special library groups to support web content.
- Supported of Docker to provide pre migration as a QA to production step.
- Worked with Google support staff to fix mailing list problems and configuration setup.
- Managed source with github for all system programming projects.

**Dans Music Studio, West Orange, NJ  
Systems Engineer**

**Jun2012 - Jul2015**

- Provisioned backup solutions to safeguard critical data and to protect loss.
- Analyzed and defined technical strategy to determine system architecture layout and achieved business goals.
- Organized individual end-user training and problem solving sessions.
- Diagnosed and repair Linux, Mac and Windows processing errors and implement solutions to improve efficiency.
- Worked with Development from the beginning to ensure infrastructure layout for project success.
- Maintained Chef cookbooks to ensure consistency across the infrastructure projects.
- Spawned VM instances or Docker images for testing and QA with Chef orchestration.

**TEMPLE UNIVERSITY**

**Mar2008 - Jun2012**

## **System Eng/DBA**

- Installed and supported SunGard (Banner ERP), on Redhat using Oracle 10G RAC as a backend, with SSL key support web properties, that endeavored to provided availability, data security and high performance during peak production hours for INB and SSB application servers with some Servers still in APEX mode as we moved them to the WebLogic VM cloud, while creating SR's for best practice.
- Created automations via Perl scripting for Linux server backup failures and email alerts to users and DBA team.
- Provided, coordinated, installed 3rd level support for Oracle, MS SQL 08 and many stand alone web applications.
- Provisioned a Pre-authentication Cluster that passed students to Gmail, with a deployed MS Sql 08 database store.
- Primary DBA for over 100 Microsoft SQL Servers Databases and migrated 70 from '05 to '08. These database instances, supported web front-end and specialized applications for advisement.
- Built and maintained the backend for TUMOBILE, TUSafesend, TUMAIL
- Used keytool to provide SSL connections to TUMAIL that was load balanced on two nodes running Tomcat, deployed war file changes to the webapps folders on QA and then into production and next tested with developers to complete upgrades. Rotated and viewed Catalina log files after successfully placing developer code into live source files. Added common logging files for detailed reporting. Installed tomcat in development, QA and Production.

## **LEHMAN BROTHERS, NJ** **System Administrator**

**Aug2003 - Feb2008**

- Provided 2nd level support in a team for Linux and Solaris maintenance and hardware support.
- Supported LDAP, VERITAS Cluster Server, HP Open View, and Lehman Server Builds.
- Provided on the fly fixes and resolutions to resolve client's issues with NFS, Kerberos, failed disks and server hardware placement in a fast paced production environment as to minimize downtime.
- Repaired and enabled spare disks in failed Netapp installations on FAS270c.
- Supported IBM U1 Blades, restarted Automounter after NFS became hung or after logging system time outs, prepared many blades for OS and Firmware blast after the replacement of system mother boards.
- Used vxdiskadmin to remove and replace failed VERITAS disks and Provisioned raw devices for Sybase team.
- Secondary system support for IBM Blade servers using Kerberized credentials to connect.

**EDUCATION:** Kean University BS Computer Science

## **TECHNICAL SKILLS:**

**Software:** Grafana, Mongodb, Oracle, Mysql, Spacewalk, Bitbucket, Graphite, AWS, VPC, solr, git  
**O/S:** Solaris, RHEL, Ubuntu, Fedora, Debian 7,8\*9.1, AWS Linux, AIX, MacOS  
**Languages:** Perl, Python, Node, C, SQL, bash, sh, SQL, XML, JSON, Ruby  
**Other:** Tmux, iterm, VirtualBox, Vagrant, Docker, Google Enterprise, NFS, Tomcat, MSSQL 05&08