

Luis F. Herrera

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SKILLS

LANGUAGES: Python 2.7 – 3.6, PowerShell 3.0 – 5.0, Bash, YAML, JSON, Groovy, JavaScript, HTML 5, CSS 3
OPERATING SYSTEMS: Red Hat Enterprise Linux 7-8, Windows Server 2003-2019, SUSE Enterprise Linux 12-15
CI/CD TOOLS: Salt Stack, Puppet, Ansible, Terraform, Docker, Kubernetes, Git, GitHub, Bit Bucket, Artifactory, Jenkins, Jira, Slack, SolarWinds, Prometheus, vRealize Automation and Orchestrator, SUSE Manager
PLATFORMS: Amazon Web Services, Microsoft Azure, VMware vSphere

EXPERIENCE

AUTOMATION ENGINEER I | MEDLINE INDUSTRIES INC.

DECEMBER 2018 – PRESENT | NORTHFIELD, IL & CHICAGO, IL

- Engineered a self-service portal in a hybrid cloud environment using vRealize Suite, Salt Stack, Python and Bash to automate server provisioning and configuration management reducing build time from 2 ½ weeks to 2 days.
- Authored over 15 terraform templates relating to AKS, EC2s, ECS and implemented them into a CI/CD pipeline.
- Resolved critical incidents relating to kernel patch levels and authored documentation on the remediation process.
- Automated orchestrated restarts for various business critical applications using Code Stream and Bash.
- Created and presented Microsoft Azure, Docker and SUSE Manager trainings for system administrators.

AUTOMATION ENGINEER INTERN | MEDLINE INDUSTRIES INC.

AUGUST 2018 – DECEMBER 2018 | NORTHFIELD, IL

- Designed, architected and engineered automation solutions for the Unix/Linux and Windows environments using Salt Stack, Python 2.7, Bash, PowerShell, vRealize Automation and SUSE Manager.
- Built upon Python scripts written by SUSE enterprise consultants to advance provisioning of Linux servers.
- Developed OpenSCAP, SNMP and Sysctl configurations that touched over 200 servers using Salt Stack formulas.
- Automated Oracle-ASM configurations reducing the process from 1 hour to 3 minutes using Salt Stack and Bash.

C.E.O AND FOUNDER | DEVERA.CO

JULY 2016 – PRESENT | GRAYSLAKE, IL

- Delivered over 5 responsive websites and advanced brand value for small businesses in the Chicagoland area.
- Raising Chicago's Concrete Inc. achieved 125% increase in Facebook likes and website views through digital rebranding. <https://www.raisingchicagosconcrete.com/>
- Built reliable and elastic infrastructure to support client websites using Flask, Docker, Terraform and AWS.

SYSTEMS PROGRAMMER INTERN | ZEBRA TECHNOLOGIES INC.

MAY 2018 - AUGUST 2018 | LINCOLNSHIRE, IL

- Lead the remediation of a global Active Directory attributes issue that involved over 11,500 users by using PowerShell and deploying scripts in an enterprise level production environment.
- Created, configured and supported over 600 printer queues across all branches of Zebra's infrastructure using PowerShell and proprietary software technology.
- Created and configured over 60 Windows Servers for high-availability failover using PowerShell.
- Authored various technical documents relating to Print Servers, Active Directory, DHCP, Secret Server, Cisco Fire Power Agents and High-availability fail-over.

SYSTEM ADMINISTRATOR INTERN | MEDLINE INDUSTRIES INC.

MAY 2017 – AUGUST 2017 | DECEMBER 2017 – JANUARY 2018 | MUNDELEIN, IL

- Administered, maintained and built upon enterprise level infrastructure in a multi-variant Windows Server environment using vSphere 6.0 - 6.5, Power Shell and Windows Administrative tools.
- Experimented with vSphere Integrated Containers and Admiral, a container management platform, which introduced and fostered DevOps methodologies and tools to an enterprise level organization.
- Built, tracked and configured vSphere Hypervisor (ESXi) Hosts and authored technical documentation for the build and configuration process.
- Lead an enterprise level data erasure of more than 1,500 hard drives and worked with vendors to achieve HIPAA compliance.

PROJECTS

Zebra Intern Website
<http://devera.co/Zebra>

Project Repositories
<https://github.com/LuishXY>

Open-Source Microservice Web App
<https://github.com/devopssquadron>