Billy McChristian

Linux Systems / DevOps / Infrastructure Engineer

(479) 213-6172
billy.mcchristian@gmail.com

Profile

Well-rounded Linux systems/DevOps engineer with 20+ years of experience in physical, virtual, and cloud environments. Many years of experience migrating infrastructure and applications to cloud environments.

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Skills:

Systems

Linux (Red Hat, CentOS, Ubuntu, Fedora, Slackware, Suse, others), Unix (AIX, Solaris, SCO Unixware, HP-UX, OpenVMS, Tru64, FreeBSD), Windows Server NT 4.0 – 2020

Software

Mysql, PostgreSQL, Splunk, Zabbix, Nagios, VMWare/ESXi, Hadoop(Pivotal), SQL server 2000-2016, Spacewalk/Satellite, Greenplumb/HAWQ, EMC Isilon, syslog-ng, Git, GitHub, GitLab, Puppet, Salt, Ansible, AWX, Chef, Vagrant, Packer, Docker, Kubernetes, Rancher, Jenkins, Bamboo, Artifactory, Elasticsearch(ELK), AWS, Azure, Azure DevOps, GCP

Languages

Shell Scripting (Bash, Korn Shell),Python, Visual Basic, Java, JavaScript, Perl, PHP, Powershell, PowerCLI, Python, Ruby, Rust, Go

Experience

Wendy's: Cloud Infrastructure Engineer 03/24 – 01/26 (Contract)
- Created cloud infrastructure (GCP) for Splunk, ingesting data from ~6k locations nationwide, creating dashboards and alerts for front line support
- Implemented IAC for legacy AWS and future GPC environments
- Maintained legacy infrastructure (AWS), compliance, patching
- Centos 7, Rocky 9/10, Puppet, Splunk, AWS, GCP, Terraform, PostgreSQL, GitLab

PNC: Systems Engineer 4 10/22 – 09/23 (Contract)
- Enterprise Ansible team supporting Ansible (AWX) deployments, operations, and training
- Creating/Maintaining Ansible playbooks
- RHEL 7/8, Ansible, AWX, Docker, OpenShift, PostgreSQL, Jenkins

Orion Advisor Solutions: Sr. DevOps Engineer 03/22 – 06/22 (Contract)
- Projects migrating legacy applications to AWS using Terraform/Azure DevOps pipeline
- AWS, Terraform, Windows Server 2016, Azure DevOps, git, Docker

Acxiom: Software Developer/DevOps Engineer 09/21 – 01/22 (Contract)
- Project to bring legacy VMware environment into compliance
- Project to migrate several legacy apps from VMware to AWS
- AWS, VMWare, Terraform, Ansible, CloudFormation, Stash

Arizona State University: Sr. DevOps Engineer 08/20 – 09/21
- Supported cloud infrastructure AWS, GCP, Patching
- Created new, maintained existing, CD pipelines
- Supported GCP migration for Vulcan project, university research project to monitor coral reefs worldwide
- AWS, GCP, Terraform, Ansible, AWS Linux, Red Hat 6.x, 7.x, Docker, Kubernetes, GitHub, Splunk

AMPS: Sr. DevOps Engineer 05/20 – 08/20
- Project to move dev environments to Azure
- Project to complete existing POC Kubernetes environment for production applications
- Azure, AWS, Centos 6-7, Debian 8-9, Kubernetes, Bitbucket server, Gitlab

CGI: Sr. Cloud DevOps Engineer 11/19 – 05/20 (Contract)
- Supporting existing client cloud environments and CD/CI pipelines
- Migrating client applications to AWS, building and supporting new pipelines
- AWS, Azure, VMWare, Salt, Jenkins, Ansible, Docker, Kubernetes, Rancher, SumoLog

Honeywell Aerospace: Principal Systems Engineer 2/19 – 11/19 (Contract)
- Automated ISO creation of RHEL 7.x, automated Nagios monitoring additions, deletions, disabling
- Created hardened Vagrant box from standard RHEL ISO for testing purposes, used by multiple teams
- Linux SME for Oracle migration project, from individual physical servers to Exacc clusters, 8x8x2
- Red Hat 7.5-8.0, Ubuntu 18.10, Git, GitLFS, GitLab CE, Packer, Vagrant, Chef, Ruby, Oracle Exacc

Blackboard: Senior Linux Systems Engineer 5/17 – 12/18
- Numerous new build, tear down, relaunch projects, migrating physical servers to AWS, AWS to Azure
- Responsible for Linux transaction environment, PCI compliance, build standards & hardening
- Implemented central logging infrastructure, using Graylog and Splunk
- Red Hat 7.2-7.4, Ubuntu 16.10, Jenkins, Splunk, Azure, AWS, mysql, MariaDB, Git, ELK

Wells Fargo: Information Security Engineer VI 12/16 – 5/17 (Contract)
- Part of two separate teams supporting six different projects
- Database encryption project, worked with teams across Wells Fargo explaining approved options for database encryption, scheduling, and implementing changes
- Red Hat 7.x, Centos 7.X, Vormetric, Thales, Guardium, Agile

IT Partners: Linux/Unix Consultant 08/16 – 11/16 (Contract)
- Dignity Health project to discover, validate processes to prepare for in-sourcing of server support
- Audited HIPPA / HITECH / PCI compliance, patching, administration and general best practice
- Suse 8-11, Red Hat Enterprise 4-7, Red Hat 7-8, AIX 4.3-7, OpenVMS, Tru64, SCO, Solaris 6-10

PayPal: Splunk Integration Engineer 03/16 – 06/16 (Contract)
- Project based contract to build out syslog-ng configurations for handling incoming log files
- Building Splunk TAs and indexes for incoming log files from multiple data centers worldwide, total systems ~80,000, ~12.5TB daily data ingestion.
- Red Hat 5.5 – 7.1, syslog-ng 3.5, Splunk 6.2 – 6.3

American Express: Senior Linux Systems Engineer 2/15 – 2/16 (Contract)
- Supported production and development hadoop(Pivotal) environments for Cyber Analytics group, total size of all environments 100+ nodes and ~3.5PB storage
- Responsible for Linux (Red Hat 6.2-6.6), Windows(2008R2-2012) updates, patching, and deployments
- Red Hat 6.2-6.6, Windows 2008R2-2012, Pivotal Hadoop, Greenplumb/HAWQ, Securonix, Platfora, Palantir, Informatica, Cisco UCS, EMC DIA hardware, SQL Server 2008, VMWare/ESXi 6.x, EMC Isilon, mysql, postgresql, sqlite, X15, FrameFlow, Jenkins, Spark, Arista

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Education	**University of Advancing Technology**	06/98-06/99
	Software Engineering	
	GPA: 3.89	