Billy McChristian
Linux Systems/DevOps Engineer

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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.

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 – 2019

Software

Mysql, PostgreSQL, Splunk, Zabbix, Nagios, VMWare/ESXi, Hadoop(Pivotal), OpenStack, 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

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, SumoLogic

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, 8x8 x2
- 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)
- SME for all Linux related matters
- 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

GlynLyon: Senior Linux Systems Engineer 11/14 – 2/15
- Supported development teams with code pushes, Jenkins builds, environment support and new environment build outs.
- CentOS 5.4-6.5, Salt, Jenkins, Git, SVN, F5, Nimble Storage, Apache, Mysql, postgresql, Jira. Agile/Scrum

Various Positions 1998-2014
- ClearData (Senior Linux Engineer), Expedia (System Administrator II), Early Warning Services (Linux System Administrator), Open Source Solutions LLC (Owner/Engineer), American Express (System Administrator), CompuCom (Field Engineer) Pearson (System Specialist II), Vital Processing Services (Network Control Technician), Mesa Public Schools (Technical Analyst), American Express (System Administrator), Sierra Pacific (Systems Analyst), UAT (Help Desk Analyst), various short-term contracts

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