

JIM BUITT

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SUMMARY

Senior DevOps Engineer with strong Linux system administration background; strengths include programming, provisioning, and maintaining AWS cloud infrastructure, network components, and configuration management tools. Effectively utilizes DevOps concepts & develops effective software deployment and automation strategies. Applies innovation to meet and exceed organizational and technological goals.

TECHNICAL SKILLS

Programming Languages:	Shell Scripting ▪ Python ▪ Regular expressions ▪ Perl ▪ PHP ▪ SQL ▪ HTML ▪ JavaScript ▪ CSS ▪ JSON, YAML, & XML
Operating Systems:	Amazon Linux ▪ Ubuntu & Debian ▪ Apple macOS ▪ RHEL & CentOS ▪ Microsoft Windows 10
Security:	SSL/TLS certificates ▪ SSH ▪ KMS ▪ Secrets Manager & SSM Parameter Store ▪ VPN ▪ OAUTH & SAML ▪ JWT
Databases:	Amazon RDS Aurora provisioned & serverless ▪ MySQL ▪ PostgreSQL ▪ MongoDB & DocumentDB ▪ Redis & ElastiCache
AWS Services:	Elastic Beanstalk ▪ EC2 ▪ S3 ▪ Lambda ▪ RDS ▪ API Gateway ▪ Cognito ▪ VPC ▪ CloudFront ▪ IAM ▪ SNS ▪ SQS ▪ WAF ▪ ECR
DevOps Tools:	Ansible, AWX, & Semaphore ▪ CloudFormation ▪ CodeBuild & CodePipeline ▪ Jenkins ▪ GitLab ▪ Docker ▪ AWS X-Ray
SaaS:	Atlassian JIRA & Confluence ▪ Cloudflare CDN ▪ Slack ▪ Microsoft Teams ▪ Bitrise ▪ Qualys CloudView ▪ Microsoft AppCenter
Monitoring:	New Relic ▪ Nagios ▪ CloudWatch ▪ CloudTrail ▪ Sensu
Other Tools:	Apache & Nginx ▪ Graylog ▪ git ▪ NFS & EFS ▪ DNS & Route53 ▪ DHCP ▪ KVM & LXC ▪ Proxmox
Technology Concepts:	Data Structures & Algorithms ▪ Application Architecture ▪ High Availability ▪ RESTful APIs ▪ Software Development Lifecycle

PROFESSIONAL EXPERIENCE

ASSURANT, CHICAGO, IL

2019 - Present

Senior DevOps Engineer

- Serve as Lead Senior DevOps Engineer for the Assurant Emerging Channels team. Lead daily team standup & delegate work to other team members.
- Provision & manage original and all new AWS infrastructure for company B2B and B2C mobile insurance applications.
- Write and maintain CloudFormation templates for creating and managing AWS infrastructure.
- Create & manage CI/CD process for developers and Code Pipelines in AWS to assist developer team in deploying code to DEV, QA, UAT, and PROD environments.

- Use Bitrise to build iOS and Android apps & release to Apple and Google Play stores for PROD releases.
- Set up monitoring of applications using Nagios, New Relic, and CloudWatch and provided 24x7 DevOps support for applications. Set up SOPs for the triage of PROD alerts.
- Performed frequent security audits of AWS infrastructure using Qualys CloudView, immediately resolving any issues found.
- Write and securely deploy Ansible playbooks to deploy application changes to servers.
- Document and maintain all SOPs, HOWTOs, and release notes in Confluence.

PUNCHKICK INTERACTIVE, CHICAGO, IL

2013 - 2019

Senior Linux System Administrator

- Serve as Lead Systems Administrator, IT Manager, office Safety Warden, and Help Desk support for the organization
- Develop architecture, built out, maintain, and scale application infrastructure for client projects.
- Develop hosting agreements and service-level agreements for client hosting.
- Install and maintain operating system applications, security, and patches for 150+ company and client servers.
- Provision, configure, and maintain physical hardware & virtual servers used for internal network infrastructure and CI/CD.
- Proactively maintain system integrity supporting change management, disaster recovery, and problem management
- Implement and manage system backups, storage management, performance/tuning and capacity planning using custom-written software.
- Write shell and Perl scripts, and use Ansible to automate system administration tasks.
- Create LEMP-based websites and RESTful APIs to assist in administration of local tools & procedures for managing employee accounts, server inventory, server backups, and server/application monitoring.
- Set up and administration of MDM for all company laptops (Apple) using Meraki Device Manager w/ Apple DEP & VPP.
- Automate employee onboarding and offboarding procedures, including integration with Snipe-IT inventory system.

YESHIVA UNIVERSITY, INFORMATION TECHNOLOGY SERVICES, New York, NY

2010 - 2013

Linux System Administrator

- Served as Lead Linux Systems Administrator for SunGard Banner (160 servers)
- Planned, installed, maintained, and troubleshoot HP, NetApp, and ESX software and hardware
- Served as Backup Engineer, responsible for backup monitoring, troubleshooting, storage management, performance/tuning and capacity planning using Symantec NetBackup
- Evaluated, installed and configured support tools and third-party application software
- Wrote shell and Perl scripts to automate various system administration tasks

SOUTHERN ILLINOIS UNIVERSITY, INFORMATION TECHNOLOGY SERVICES – Carbondale & Edwardsville, IL

2000-2010

UNIX / Linux Administrator

- Served as system administrator for Solaris and Linux systems (150+ servers)
- Installed, maintained, and supported Sun Enterprise servers; Intel servers and desktops, NetWorker Backup, Linux and Solaris firewalls, Web Mail, file servers, and authentication systems, and open-source software and utilities
- Created and maintained Perl and PHP scripts for web applications, UNIX systems, and data processing
- Managed server consolidation using VMWare products (Workstation and ESX/GSX/VMWare Server)

EDUCATION

SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE – Carbondale, IL

1999

Bachelor of Science in Computer Science; specialization in Programming Languages