

# JIM BUITT

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## SUMMARY

**Senior DevOps Engineer:** extensive Linux system administration experience with expertise in programming, provisioning, and maintaining AWS cloud infrastructure, network components, and configuration management tools. Process improvement mindset through the development of efficient and effective software deployment and automation strategies.

## TECHNICAL SKILLS

<b>Languages:</b>	Shell Scripting ▪ Python ▪ Perl ▪ Regular Expressions ▪ PHP ▪ SQL
<b>Development Tools:</b>	Git ▪ Vagrant ▪ VS Code ▪ Sonarqube ▪ phunit ▪ GNU make
<b>Web Coding:</b>	HTML5 ▪ jQuery ▪ Laravel ▪ Bootstrap ▪ NodeJS ▪ JSON & YAML ▪ RESTful APIs
<b>Operating Systems:</b>	Ubuntu ▪ Debian ▪ Amazon Linux 2 ▪ RHEL & CentOS ▪ macOS ▪ Windows
<b>Network Security:</b>	SSL/TLS certificates ▪ VPNs ▪ Firewalls ▪ Snort IDS ▪ JSON Web Tokens ▪ OWASP Top 10 ▪ GnuPG
<b>Databases:</b>	MySQL ▪ PostgreSQL ▪ RDS Aurora ▪ MongoDB ▪ SQLite ▪ OpenLDAP
<b>Caches &amp; CDNs:</b>	Redis ▪ Memcached ▪ CloudFront ▪ CloudFlare ▪ MaxCDN
<b>Storage:</b>	ZFS ▪ Linux Volume Manager ▪ iSCSI ▪ RAID ▪ NetApp ▪ Synology ▪ GlusterFS
<b>AWS Services:</b>	Elastic Beanstalk ▪ EC2 ▪ S3 ▪ Lambda ▪ RDS ▪ API Gateway ▪ Cognito ▪ VPC ▪ CloudFront ▪ IAM ▪ SNS ▪ SQS ▪ WAF ▪ ECR
<b>CI/CD Tools:</b>	AWS CodeBuild & CodePipeline ▪ GitLab CI ▪ Jenkins ▪ Bitrise
<b>Configuration Management:</b>	Ansible, AWX/Tower, & Semaphore ▪ CloudFormation ▪ Puppet
<b>Cloud SaaS Services:</b>	JIRA & Confluence ▪ GitHub ▪ Bitrise ▪ Trello ▪ Qualys CloudView ▪ Microsoft AppCenter ▪ Miro
<b>Virtualization:</b>	VMWare ▪ Proxmox ▪ KVM ▪ Virtualbox
<b>Containerization:</b>	Docker ▪ Docker Compose ▪ Portainer ▪ Kubernetes ▪ LXC ▪ ECR
<b>Monitoring Tools:</b>	New Relic ▪ Nagios ▪ CloudWatch ▪ CloudTrail ▪ Sensu ▪ Grafana
<b>Application Logging:</b>	Graylog ▪ ELK Stack ▪ Splunk ▪ CloudWatch Logs
<b>Networking:</b>	TCP/IP ▪ Ethernet ▪ DNS ▪ DHCP ▪ SSH ▪ NFS ▪ Wi-Fi
<b>Open-Source Tools:</b>	Apache ▪ Nginx ▪ curl ▪ Wireshark ▪ nmap ▪ Firefox ▪ tmux
<b>Technology Concepts:</b>	Data Structures & Algorithms ▪ Application Architecture ▪ High Availability ▪ RESTful APIs ▪ Software Development Lifecycle

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## PROFESSIONAL EXPERIENCE

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ASSURANT, CHICAGO, IL

2019 - Present

### Senior DevOps Engineer

- Lead Senior DevOps Engineer, for the emerging channels team, responsible for the B2B & B2C cloud infrastructure
- 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
- Utilize Bitrise to build iOS and Android apps & release to Apple and Google Play stores for PROD releases
- Set up and monitor B2B and B2C applications using Nagios, New Relic, and CloudWatch and provided 24x7 DevOps support for applications; set up SOPs for the triage of PROD alerts
- Perform ongoing security audits of AWS infrastructure using Qualys CloudView with immediate issue mitigation/resolution
- Write and securely deploy Ansible playbooks to propagate 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

- Lead Systems Administrator, IT manager, office safety warden, and help desk support for the organization
- Developed architecture, built out, maintained, and scaled application infrastructure for client projects
- Developed hosting and service-level agreements for client hosting
- Installed and maintained operating system applications, security, and patches for 150+ company and client servers
- Provisioned, configured, and maintained physical hardware & virtual servers for the internal network infrastructure and CI/CD
- Proactively maintained system integrity supporting change management, disaster recovery, and problem management
- Implemented and managed system backups, storage management, performance/tuning and capacity planning using custom-written software
- Created shell and Perl scripts, and use Ansible to automate system administration tasks
- Created 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/administered MDM for all company laptops (Apple) using Meraki Device Manager w/ Apple DEP & VPP
- Automated 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

- Lead Linux Systems Administrator for SunGard Banner (160 servers)
- Planned, installed, maintained, and troubleshooted HP, NetApp, and ESX software and hardware
- 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 system administration tasks

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## EDUCATION & CERTIFICATIONS

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AMAZON CERTIFICATIONS

**AWS Certified Solutions Architect - Associate**

Expected August 2022

SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE – Carbondale, IL

**Bachelor of Science in Computer Science**

1999