

Maxwell Larimer

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Summary: While holding an active Top Secret security clearance I served in the United States Marines Corps reserves as a 0651 Computer Networking Specialist. During my time not actively serving on Marine Corps assigned projects I worked as a freelancer on short term contracts. After the completion of my military service in 2014, I continued freelancing in the Systems and Security field.

TECHNICAL PROFICIENCIES

Platforms: Microsoft Server 2003/2008/2012/2016, Microsoft Windows 7 / Windows 10, Red Hat Enterprise Linux, Solaris, HP Unix, FreeBSD, Debian Linux, GNU/GNOME Linux Distros, Ubuntu Server 14.04.5 LTS, Ubuntu 16.04, Ubuntu 18.04, WordPress, Microsoft WSL

Hardware: Computer hardware and printers: IBM/PC; DELL; HP based Desktops, Servers and Laptops; Cisco & Com hubs, Routers and Switches. Cisco VPNs; Brother, Xerox, and Lexmark printers; Juniper VPNs, Taclanes, Cisco Meraki

Security/Antivirus: McAfee, Norton, Symantec, Cisco IPS/IDS, Juniper, Iron port, Kali Linux, AVG, Avast

Software: PRTG, Microsoft SharePoint, Explorer, Remedy, VMS, Gold Disk, VSphere, VMWare, Cisco VPN, UMT Monitoring tool, SCCM, Tanium, Slack, Jira, Zoom Meetings, Slack, VSCode, mRemoteNG, PuTTY, PostMan

Networking: TCP/IP, OSI, LAN/WAN, VOIP

Productivity: All Microsoft Office Software, Adobe Suites

Wi-Fi: 802.11 a/b/g/n/c AP's and cards, WEP/WPA/WPA2/WPA2 Enterprise encryption

Cloud: AWS, AWS GovCloud

Cloud Platforms: ClubHouse, Heroku, GitHub, Sumologic, CloudFlare, PagerDuty, Ngrok, Docker, Kubernetes, Pingdom, SendGrid, TimeScale DB, Jenkins, Datadog, Jira, BitBucket, Nexus, Helm

Programming: Python 3.6 - 3.7, AWS Boto3, PHP (Supported Dev), Node.js (Supported Dev), C# (Supported Dev), .NET (supported Dev) , Java Tomcat

EDUCATION, CERTIFICATIONS, LICENSES

CompTIA Security+ Certified

CompTIA Linux+ Certified

CompTIA LPIC-1 Certified

AWS Solutions Architect - Associate – In Progress

Associates Degree- Computer Science, In Progress

DeVry University, Columbus, OH

PROFESSIONAL EXPERIENCE

Independent Systems & Security Consultant

2010 - Present

Columbus, OH - Maryland (Remote) - Washington D.C (Remote) - Reston, VA (Willing to relocate)

Sr. Cloud Engineer- (Remote)

2022 – Jan 2023

July

NetJets, Columbus, OH

- NetJets in house Kubernetes SME
- Supported on-call rotation for 24/7 support leveraging PagerDuty and DataDog for alerting and monitoring.
- Demonstrated advanced AWS knowledge to include but not limited to EKS, ECS, EC2, Lambda, S3, ALBs, API Gateways, DynamoDBs, Route53 (also managed by ExternalDNS), IAM, RDS, VPCs, CloudWatch, and AWS CLI v1 & v2
- Built from scratch end-to-end fully automated SDLC using single terraform code base for 100+ Java Tomcat applications
- Fully automated Jenkins CI/CD pipeline applying industry best practices for continuous integration and continuous deployment
- Fully automated with Jenkins and Terraform all vulnerability remediation for AWS EKS clusters
- Fully migrated application infrastructure with Terraform from CloudFormation
- Supported and remediated support calls for ECS deployments using CloudFormation
- Collaborated with Architecture and DevOps teams to support new initiatives and current projects
- Created Training material for Kubernetes, GitOps, CI/CD, and other DevOps/Cloud related concepts to be used company wide
- Fully assisted 30+ development teams with migrations from on-prem to AWS cloud
- Fully automated application deployments via Helm

Sr. DevOps Engineer- (Remote)

Aug

2021 – Jun 2022

Convr, Chicago, IL

- Supported on-call rotation for 24/7 support leveraging OpsGenie and DataDog for alerting and monitoring.
- Worked with development teams on “*Tiger team*” to get platform migrated from Docker Swarm to Kubernetes as sole DevOps Engineer dedicated to the multi-department development team (Tiger Team).
- Brought outside research for further refinement of the current Docker Swarm platform implementation and recommendations from prior company research for platform migration to Kubernetes from Docker Swarm.
- Recommended cost-effective upgrades for existing systems and programs for on-site Data Center and Cloud (AWS, Azure).
- Strengthened Python Development skill set with contribution to the development teams.
- Worked towards becoming a Senior DevSecOps contributor by assisting with current compliance SOC2 audit.
- Wrote extensive documentation via Notion and Microsoft SharePoint, and was a continued ambassador for policies.
- Assisted with preparation for annual penetration test.
- Worked towards building a developer advocacy program to contribute to Convr Engineering culture.
- Worked with VP of Engineering on resolution to SOC2 findings for audit.
- Successfully implemented End-to-End solution from Datacenter (Docker Swarm) based application to AWS EKS Kubernetes with full CI/CD integration with Gitlab deploying to AWS EKS.

Daily Apps: MAC, VSCode, AWS, GitLab, Terraform, Notion, SharePoint, Azure, Jira, Datadog, Google, OpsGeneie, Nexus

Chief Technical Officer- (Full Time Position)

Jul 2020

– Oct 2020 Stealth Entry, Westerville, OH

- Worked with other departments to use new technologies to streamline company policies and rules.

- Conducts research to improve the technological assets of a company.
- Oversaw IT budgets to make sure there are no unnecessary expenditures.
- Developed and directed all networking safeguards to reduce the risk of outside breaches and protect sensitive internal and external client information.
- Developed and implemented all internal communication systems, such as email and instant messaging.
- Planned and implemented proper internet usage policies for employees.
- Evaluated new technology and made recommendations on technological solutions.
- Used technological assets to help ease use for employees and clients.
- Managed any digital media assets.
- Consistently evaluated technical efficiency and made changes as necessary.
- Made presentations to board of directors and chief executive officer.
- Developed and enhanced a company's website to increase site traffic.
- Identified competitive advantages and technological trends for the benefit of a company.
- Directed the development and possible implementation of policies in instances of a breach, also known as disaster recovery plans.
- Set a vision for how technology will be used in the company.
- Ensured that the technological resources meet the company's short and long-term needs.
- Created timelines for the development and deployment of all technological services.
- Made executive decisions on behalf of the company's technological requirements.
- Acted as a mentor to team members.
- Maintained a consumer-focused outlook and aided in the delivering of IT projects to market.
- Managed technology budgets and time frames.
- Stayed on top of technology trends and developments.
- Ensured all technology practices adhere to regulatory standards.

Cyber Security Engineer - (Full Time Position)

Jun 2020

– Jul 2020

Stealth Entry, Westerville, OH

Infrastructure Engineer - (Contract)

Apr 2020 - June

2020

Stafford Technologies, Columbus, OH

- Evaluated and implemented new technologies solving complex business requirements.
- Delivered a highly available and stable environment supporting business needs.
- Planned, designed, implemented, and supported configuration changes and software upgrades.
- Proactively monitored the server and storage related devices and resources.
- Built AWS infrastructure using CloudFormation and Azure DevOps.
- Developed and adhered to standard operating procedures.
- Resolved service impacting events in a timely manner and performed root cause analysis.
- Acted as escalation point for issues from Service Desk team.
- Created and maintained environment documentation.
- Participated in disaster recovery exercises.
- Participated in a 24x7 on-call support rotation for production related issues.

DevOps Engineer - (Remote – 5 Months)

Oct 2019

– Feb 2020

Amplify Exchange (Crypto Brokerage), Knoxville, TN

- Managed pipelines for 11 Node.js applications on Heroku working with the development team.
- Implemented On-Call rotation integrating 10 Reporting/Metrics platforms into PagerDuty.

- Implemented Sumologic logging solution with Dashboards integrating Ubuntu servers, Azure, Desktops, CloudFront, AWS Services, GitHub, Heroku, Open Source applications, and TimescaleDB.
- Azure CDN endpoint, and locked down endpoints.
- Handled international and multi-cloud platforms migrations in the Cloud.
- Worked on implementation of Open Source projects, and optimizations for project.
- Planned and configured log retention and management solution company-wide leverage AWS services.
- Implemented Microsoft SharePoint for use company-wide.
- Billeted as Senior Engineer on Ops team.

Systems Administrator / AWS DevOps - (Full-time Position)

Sep 2018 – Oct 2019

InXite Health Systems, Columbus, OH

- Independently managed company wide AWS Cloud Infrastructure to include Single VPC, 15 EC2 Instances Ubuntu 16.04, 18.04 to include Development, Demo, QA, Staging, and Production Environments.
- Containerized (Docker) HIPAA compliant Healthcare PHP Web Application.
- Stood up CI/CD Pipeline / Web Application with containerized application leveraging GitHub API, Lambda, and AWS FARGATE (ECS).
- Managed all IT related Hardware to include: Laptops, Cisco Meraki, Networking Equipment, Security Peripherals, Cameras, Ubuntu Server 16.05, 18.04, VPC (*Related Infrastructure*).
- Developed automation framework for public cloud infrastructure deployments with AWS Lambda Boto3 (Python SDK).
- Assisted with Vendor Relationship and Management.
- Performed server evaluation and analysis for performance and cost reduction.
- Dedicated staff for on-call rotation 24/7.
- Participated in architecture planning sessions with development and security teams.
- Lead Lunch and Learn training events – Cloud and Container Technologies.

Product Cloud Network Administrator - ITAR (Onsite - 6 Week contract)

Jul 9th -

Aug 17, 2018

Robert Half Technology, Columbus, OH

- Implemented and monitored backup routines of the Cloud ITAR environments high importance customer application data using PowerShell and VB Scripting.
- Audited and created new documentation of network design, layout, and implementation of devices and services.
- Management and implementation of the GovCloud ITAR microservices via console.
- Managed and audited Microsoft Server 2012 R2 administrative tasks within Active directory.
- Ensured departmental security processes and procedures were followed with "Least Privilege" security design.
- Configuration management and implementation of the production/testing networks to include Microsoft Windows Server 2012 R2, Red Hat Enterprise Linux 7, and Ubuntu Server 14.04.5 LTS.

IT Support Analyst - (Onsite - 4 Week contract)

May 28 - Jun

29th 2018

Insight Global, Columbus, OH

- Installed IT hardware and software in the field as needed to satisfy project deadlines and user

requirements.

- Performed repairs, modifications and scheduled maintenance to Microsoft Windows Server 2016, Microsoft Windows 10 desktops, laptops, peripheral components, monitors, and disc drives.
- Responsible for imaging of user devices.
- Application package management for Microsoft Windows Environment.
- Assisted with refactoring existing programs to meet user requirements.
- Microsoft Exchange 2016 Administrator to investigate potential security threats/vulnerabilities/concerns.
- Assisted with new user initial training in applications, and provided demonstrations of use of software and hardware.

Systems Administrator - (Remote - 1 Year contract)
- Feb 2018

Feb 2017

Digital Management, Inc., Columbus, OH

- Supported compliance reporting and resolution for both Linux and Windows environments.
- Established and maintained administrator accounts, and assigning or making available file permissions.
- Installed upgrades, configured, tested, maintained, and supported system required software.
- Performed configurations and adjustments to enhance system performance, with a heavy focus on compliance.
- Created change request packages, schedule and manage deployments, and work with multi-tier services.
- Provided vulnerability remediation at the application layer and managed OS layers.
- Proficient in configuration, troubleshooting, installation, maintenance and system administration of DNS Servers and Domain Controllers.
- Troubleshoot automation equipment and systems to a degree required for isolation of malfunctions to specific hardware or software and then restore equipment to operation.

Security Engineer - (On-site - 2 Month Contract)
Nov 2016

Oct 2016 to

State of Ohio, Columbus, OH

- Worked as part of a small collaborative team in a fast-paced enterprise environment supporting the State of Ohio Security Operations Center for resolution and reporting of security events.
- Worked with cross functional security and risk teams to be the point of contact for incident and event management.
- Assisted team with providing guidance, mentor analysts and engineers, on how to troubleshoot and assist in remediation.
- Audited, configured, and ran discovery techniques on the network and troubleshoot scans, alerts, and authentication.

Systems Administrator - (On-Site - 1 Year Contract)
2015 to Jul 2016

Jun

Hewlett Packard, Columbus, OH

- Reviewed performance logs and monitored overall application/hardware system performance.
- Demonstrated skills in a multi-platform environment including other versions of Linux and HP-UX operating systems.
- Responsible for data integrity with pre-established scripts and procedures proprietary to the project.
- Responsible for nightly data migration while maintaining SLA required application availability.
- Proven ability to work alone over the duration of the contract.

- Provided on-call support for application related issues on 3rd Shift.

Restaurant Support Specialist (On-site - 5 Month Contract)
to May 2015

Dec 2014

Wendy's Cooperation, Dublin, OH

- Troubleshoot and resolve system hardware, software and connectivity issues with the managers and on-site techs.
- Answered, evaluated, and prioritized incoming telephone, voice mail, e-mail, and in-person requests for assistance with Operational Support of Wendy's systems.
- Interviewed customers to determine scope of the problem. Lead customer through documented diagnostic procedures to accurately determine cause of problem. Resolved systems issues through problem recognition, and application of documented procedures.
- Monitored ACD activity to ensure "Speed of Answer" goals are met. Monitored and managed help desk metrics to ensure issues are responded to and resolved within established service goals.
- Logged and tracked every incoming call and all actions taken using problem management database.
- Identified potential problems and recommended resolutions to improve the performance of hardware, software, training or processes.
- Coordinated the installation of the depot equipment with the restaurant manager or district manager.

■ ***End of Service with US Marine Corps Reserves. Short Term Contracting Consultation during military service included*** ■

United States Marine Corps Reserves (5 Year Contract)
to Jul 2014

Jul 2009

Rank: E-3

JOB TITLE: 0651 - Computer Networking Specialist

- Responsible for the setup, configuration, and management of Wide Area Networks (WAN), Local Area Networks (LAN), and satellite communications with government satellites, ensuring that Command operations Centers, and other needed networks had full network and computing capabilities both during, and after deployment or training situations. Managed and configured Microsoft Server 2003, 2008, 2008 R2, and 2010.
- Responsible for Microsoft Exchange 2003 and 2007, active directory, Domain Naming System (DNS), and Microsoft Outlook desktop clients. Responsible for the configuration and maintenance of Cisco Routers, Alcatel Switches, hubs, and modems using multiple protocols to include, but not limited to: TCP/IP, LAN, IPv4, IPv6, EIGRP, OSPF, RIP versions 1 and 2.
- Other roles held through the Marine Corps included self-lead training exercises and teaching. These positions were off-post training exercises, to include New York, North Carolina, and California. Here as a computer networking specialist, I was responsible for training Marines of the proficiencies of a Systems Administration, Network Engineering, Security tactics both offensive/ defensive, and General IT professionalism and application.
- Graduated Data Technician Section (DTS) - Computer Networking Specialist (MOS) – 2010.
- 469 credit hours completed in Cisco Education Classes with significant coursework in Cisco CCNA, A+, Microsoft Server, Exchange, TacCOM, Networking (Over 800 training hours), and Network Security.
- Certified Tactical Satellite Operator/Engineer, 2009.

Tier 3 Desktop Administrator - Tech-Refresh 2nd Shift Lead (4 Month Contract)
2014 to Sep 2014

Jun

Digital Management, Inc., Columbus, OH

- Responsible for managing and maintaining overall completion of second shift duties which included Manage Day to Day operations, employee management, and reporting directly to Senior Management.
- Assisted senior management with Scheduling for sub-contractors on tech-refresh project.

- 2nd shift SME for technical resolution.
- Responsible for QA management and delegation on shift
- Utilized the proprietary Unisys migration tools for data transfer processes of user information.

Tier 3 Desktop Administrator Tech-Refresh - (4 Month Contract)

Apr 2013 to

Aug 2013

Digital Management, Inc., Columbus, OH

- Installation of operating systems and/or re-imaging hard drives on new PC's and/or laptop computers.
 - Ensure integrity of migrated data and continued operations capabilities of the user, while resolving failed or corrupted migrated data.
- Managed and documented work completion via tickets using Remedy ticketing system.
- Tracked and reported hardware changes/completion to senior management.

Systems Administrator - (14 Month Contract)

Jul 2010

to Sep 2011

The Newberry Group, Columbus, OH

- Developed and implemented systems diagnostic and maintenance tools to ensure the availability and functionality of systems required to support organizational objectives.
- Developed standards and criteria for assessing server performance, availability, and capacity or configuration problems while managing the installation of software and hardware, systems fixes, updates, and enhancements. All within accordance with DISA STIG.
- Implemented procedures for responding to new threats to systems to ensure confidentiality, integrity, and availability.
- Reallocated resources when they became available, in an effort optimize systems performance and recommended additional components to improve overall performance.
- Collaborated with team members to determine current versions and the future releases of application software, while documenting the physical configuration of the information systems.
- Ensured the rigorous application of information security/information assurance policies, principles, and practices in the delivery of system administration services.
- In depth knowledge of the security technical inspection guide (STIG) and DOD vulnerability management system to perform security lockdown on Windows operating system and web services; system security settings, Network File System permissions, access control and audit reviews.

RFC Ethernet Testing Engineer - (2 Month Contract)

May

2010 to Jun 2010

Time Warner Cable (now Spectrum), Columbus, OH

- Responsible for the training of seven new team members, ensuring that they were able to perform the duties and knew the responsibilities to perform every day tasking.
- Troubleshooting involved helping to resolve TSS-5 connections and configurations, and issues with Sonnet Rings, including the requirement to implement cross connections.
- Additional responsibilities included the configuration of ADVA Nids. Responsible for developing IP addressing schemes.
- Utilization of the JDSU Net Analyst testing program to test and optimize the best performance for layer 1 and layer 2 (TCP/IP) Ethernet Connections to the cell phone tower.
- Responsible for creating Bash / Python strings, via the Linux operating system, to add additional tests to the JDSU testing program.
- Assisted with contribution of data on Microsoft SharePoint utilized for overall tracking of the project.
- Responsible for data-checking, updating, and maintaining the information contained within the Granite Database, NETCOOL Software, and Remedy ticketing system.