Seth **Beckman**

SOFTWARE ENGINEER - DEVOPS

Fayetteville, GA, USA

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Skills

DevOps	Kubernetes, Docker, Terraform, Ansible, FluxCD v2, GitHub Actions, GitLab CI, Packer, Vault, Helm, Elastic
Cloud	AWS (EC2, S3, Lambda, Lightsail, IAM), Azure
Sysadmin	AzureAD/Entra ID, Active Directory, SCCM, PanOS, VMWare ESXi, Proxmox VE, Mikrotik, UniFi
Back-end	REST API, PostgreSQL, Redis
Front-end	Hugo, React, HTML5, Bootstrap
Programming	Go, Python, Java, JavaScript, PowerShell, Bash

Experience

State Farm   *Dunwoody, GA (Remote)*

SOFTWARE ENGINEER - DEVOPS   *April 2022 - Present*

- Developing and maintaining CI/CD, Kubernetes infrastructure for the OpenAM platform.
- Monitoring and responding to issues with the OpenAM platform, performing Java code changes by request for various internal customers, creating new SAML authentication flows for various internal customers.
- Lead development of GitOps infrastructure implementation for major product release (FluxCD v2).
- Developing scripted decision nodes for the OpenAM platform in JavaScript.
- Architected CI/CD pipelines for Docker image build and development.

BPM LLP   *San Francisco, CA (Remote)*

INFORMATION SECURITY ADMINISTRATOR   *April 2021 - April 2022*

- Patched and maintained systems, provided technical support to the Firm for security-related issues.
- Developed and tested new SIEM and EDR solutions using Elastic Cloud/Elastic Stack.
- Developed incident response process automations using REST API integrations, Python/Golang, and other automation tools to make incident response more efficient.
- Developed/implemented compliance and security policies and procedures.
- Identified opportunities for process automation with Ansible, Terraform, and scripting/programming languages like Go and Python, such as updating networking infrastructure with Ansible playbooks.
- Identified, evaluated and documented risk within KnowBe4 KCM for tracking across the firm.

USER ENGAGEMENT ANALYST   *December 2020 - April 2021*

- Provided technical support to firm partners and employees of BPM LLP with internal systems, various business-centric software (Axcess, Engagement), and accounts.
- Provided assistance to the Information Security team by writing and implementing policy, deploying KnowBe4's Training and PhishER platforms.

Kennesaw State University   *Kennesaw, GA*

TECHNICAL SUPPORT ANALYST   *November 2019 - December 2020*

- Service desk position providing Faculty and Staff tech support, account management, and support for other IT related questions.
- Tier 2 field support calls .

STUDENT ASSISTANT - FACULTY/STAFF SERVICE DESK   *March 2019 - November 2019*

- Service desk position that provided Faculty and Staff tech support, account management, and support for other IT related questions.

STUDENT ASSISTANT - STUDENT SERVICE DESK   *December 2018 - March 2019*

- Service desk position that provided student tech support, account management, and support for other IT related questions.

STUDENT ASSISTANT - CAMPUS PHONE OPERATOR   *August 2018 - December 2018*

- Telephone operator position that provided customer support by directing calls to appropriate departments, answering questions, and assisting in directing the flow of calls within UITS.

Polk School District   *Polk County, GA*

TECHNOLOGY INTERN   *August 2017 - May 2018*

- Managed network infrastructure, VM hypervisor infrastructure, and G Suite/Google Workspace infrastructure.
- Performed duties as a technical support staff member for teachers and staff in Polk School District.
- Collaborated with other team members to resolve escalated issues.

Extracurricular Activity

https://beckman.sh
Cedartown, GA
Founder/Network Administrator
2015 - PRESENT

- Designed and established a networking lab for self-enrichment, as well as support of other hobbies.
- Worked with GNU/Linux, VMWare ESXi, CentOS, Windows Server (AD, DNS, DHCP, etc), rsyslog, apache, KVM, spacewalk, Cisco (routing, switching, basic trunking), Mikrotik, Palo Alto, Ubiquiti and pfSense to create a home network environment.
- Designed and deployed a Proxmox environment with 3 nodes, Ceph-backed distributed block storage over a dedicated 10Gb link.
- Designed and implemented a GitOps-managed Kubernetes cluster for my home services (https://github.com/parsec/home-cluster)

Southeast Collegiate Cyber Defense Competition (SECCDC)
Kennesaw, GA
Build Team - Linux
April 2022 - April 2023

- Developed and maintained Linux infrastructure.
- Developed and maintained Ansible, Terraform, Packer, and other automation playbooks for creating and deploying the Linux competition infrastructure.
- Developed CI/CD pipeline for deploying linux infrastructure in AWS.
- Developed the web frontend for flexo, the SECCDC Red Team scoring engine, as well as assisting development on the rest of the toolchain for the SECCDC competition region.

Red Team Member - Windows
January 2021 - April 2022

- Participated in South Eastern Collegiate Cyber Defense Competition (SECCDC) qualifiers and regional competition as a Red Team member for 2021 and 2022 competition years.
- Assisted the Windows team in infiltrating and securing Windows hosts during the competition, submitting attack reports, submitting ideas for pre-planted exploits and other nuisances to give competing schools a bit more of a challenge.

KSU SECCDC Team
Kennesaw, GA
Firewall Admin
August 2018 - June 2020

- Firewall and Network Admin for the KSU South East Collegiate Cyber Defense Competition team (SECCDC).
- Managed network firewall, as well as other mission critical network infrastructure and network monitoring tools. Controlled the first line of defense and monitoring ingress/egress traffic during the competition, to better inform and protect the infrastructure behind the firewall.
- Technologies included: pfSense, Palo Alto, Splunk Enterprise, Splunk Phantom, QRadar, VMWare ESXi
- In April 2020, the KSU Team earned 1st place in the regional SECCDC competition to advance and compete at the national NCCDC in May.

Honors & Awards

2020	**First Place (KSU Team)**, SECCDC Regional Competition	*Kennesaw, GA*
2019	**Second Place (KSU Team)**, SECCDC Regional Competition	*Kennesaw, GA*
2018	**Second Place Network Design**, FBLA National Leadership Conference	*Baltimore, MD*
2018	**Second Place Network Design - Individual**, FBLA State Leadership Conference	*Atlanta, GA*
2017	**National Finalist Network Design**, FBLA National Leadership Conference	*Anaheim, CA*
2017	**First Place Network Design**, FBLA State Leadership Conference	*Athens, GA*

Education

Western Governors University
Online/Remote
Information Technology, Bachelor of Science (Incomplete)
May 2022 - Dec 2022

- Transferred from KSU to complete degree fully online.

Kennesaw State University
Marietta, GA
Information Technology, Bachelor of Science (Incomplete)
August 2018 - December 2021