Michael Bubb

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Experience

Paperless Post   March 2021 - December 2023
Senior Infrastructure Engineer   *New York, NY*
- Monitored AWS based infrastructure and responded to issues
- Migrated Kubernetes from a self managed cluster to AWS Elastic Kubernetes Service (EKS) and upgraded k8s from 1.18 to 1.24.
- Upgraded Terraform from 0.10 to 1.4.
- Managed a CI/CD platform (github, Circleci and ArgoCD).
- Implemented CloudHealth (FinOps) to track cost-effectiveness and resource utilization.
- Managed infrastructure repos for IaaC (Terraform) and Kubernetes Helm charts (code reviews, pull requests, security reviews)

WGSN/ Ascential   September 2018 - December 2020
DevOps Engineer   *New York, NY*
- Implemented and maintained CI/CD pipelines using Ansible, Jenkins, and GitHub, streamlining the development, testing, and deployment processes.
- Demonstrated proficiency in DevOps practices within AWS and GCP environments.
- Managed AWS infrastructure effectively through Terraform, ensuring scalability, reliability, and efficient resource allocation.
- Orchestrated the complete lifecycle of Docker containers, utilizing ECS on AWS for efficient deployment, scaling, and management.

Forensiq   May 2015 - August 2018
Senior Systems Engineer/ SRE   *New York, NY*
- SRE for 350 servers for global adtech backbone (US-East, US-West, Europe, Asia).
- Developed DevOps best practices for engineering and data science.
- Maintained CI/CD pipeline (Ansible-Jenkins-Github) with deploys to datacenter, GCP and AWS
- DNS, System and Network Monitoring (Prometheus, NS1, NewRelic)

OnDeck   August 2014 - May 2015
Systems Engineer   *New York, NY*
- Ansible infrastructure and application management.
- General Linux System Administration.

Collective   June 2010 - August 2014
Operations Engineer/ DevOps   *New York, NY*
- General Linux System Administration - CentOS and Ubuntu
- Datacenter management (Netezza and Hadoop buildout and support)
- Developed deployment and change management processes (incorporating DevOps practices)
- Managed DNS (NS1, Dyn, internal) for a global application
- Monitored with Nagios; Boundary; Circonus; Catchpoint

Education

Stevens Institute of Technology   2006
Computer Science Certificate Program   *Hoboken, NJ*
- **Relevant Coursework:** UNIX System Administration, Operating Systems, Introduction to Algorithms, Data Structures

Rutgers University, New Brunswick   1992
Bachelor of Arts in English Literature   *New Brunswick, NJ*

Technical Skills

Technologies: Github, Ansible, Terraform, Helm, AWS, GCP, Prometheus, Grafana, NS1, CircleCI, Jenkins, ArgoCD, Docker
Concepts: DevOps, SRE, Linux/UNIX administration
Languages: Python, Bash, Groovy(Jenkins), Hashicorp Control Language