

Michael Bubb

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SUMMARY

DevOps and Infrastructure Engineer with 15+ years of experience designing and maintaining secure, scalable cloud systems in production environments, now combining that expertise with a clinical foundation in hospital emergency care. Skilled in AWS, GCP, Terraform, Kubernetes, and CI/CD pipelines, with a strong focus on automation, observability, and HIPAA-conscious reliability. Clinical training as a paramedic and experience in ER settings bring a unique understanding of healthcare workflows and the critical need for secure, resilient medical infrastructure. Seeking a DevOps role in medtech or digital health to improve patient outcomes through reliable, efficient systems.

SKILLS

- **Cloud Platforms:** AWS, GCP, CloudHealth, ECS, EKS
- **DevOps Tooling:** Terraform, Ansible, Helm, Jenkins, ArgoCD, CircleCI, GitHub Actions
- **Containers & Orchestration:** Docker, Kubernetes, ECS, Helm
- **Monitoring & Observability:** Prometheus, Grafana, NewRelic, NS1
- **Programming Languages:** Python, Bash, Groovy, SQL
- **Infrastructure:** Linux/UNIX Administration, DNS Management, CI/CD Pipelines
- **Version Control & Collaboration:** Git, GitHub, Slack, Jira, Confluence

EXPERIENCE

Senior Infrastructure Engineer

Mar 2021 – Dec 2023

Paperless Post

New York, NY

- Migrated Kubernetes from self-managed clusters to AWS EKS and upgraded versions from 1.18 to 1.24
- Managed and upgraded Terraform from 0.10 to 1.4 for infrastructure as code (IaC)
- Maintained CI/CD platforms using GitHub, CircleCI, and ArgoCD
- Implemented CloudHealth for cost monitoring and FinOps reporting
- Reviewed and maintained Helm charts and Terraform modules for production systems

DevOps Engineer

Sep 2018 – Dec 2020

WGSN / Ascential

New York, NY

- Built and maintained CI/CD pipelines with Jenkins, Ansible, and GitHub
- Managed AWS and GCP infrastructure with Terraform for high availability
- Deployed Dockerized apps using ECS and implemented infrastructure automation

Senior Systems Engineer / SRE

May 2015 – Aug 2018

Forensiq

New York, NY

- Served as SRE for a global adtech platform with 350+ servers across multiple regions
- Managed multi-cloud CI/CD using Ansible, Jenkins, and GitHub
- Built observability systems using Prometheus, NS1, and NewRelic

Systems Engineer

Aug 2014 – May 2015

OnDeck

New York, NY

- Managed Ansible-based infrastructure automation
- Provided Linux system administration and deployment support

Operations Engineer / DevOps

Jun 2010 – Aug 2014

Collective

New York, NY

- Maintained CentOS and Ubuntu systems across multiple datacenters
- Deployed Hadoop and Netezza infrastructure for big data workloads
- Implemented DNS and monitoring solutions (Nagios, Circonus, Catchpoint)

EDUCATION

Hudson County Community College (HCCC)

A.A.S. in Nursing (3.4 - 60 credits)

Jersey City, NJ

Expected 2027

New York University

Graduate Department of Comparative Literature

NYC

1994

Rutgers University – New Brunswick

B.A. in English, Minor in Political Science

New Brunswick, NJ

1992

CERTIFICATIONS

UPenn – Privacy Law and Data Protection - 2025 July (Coursera)

Google – AI Essentials - 2025 February (Coursera)

Google – Prompting Essentials - 2025 February (Coursera)

Google – Crash Course on Python - 2020 February (Coursera)

Stevens Institute of Technology – CompSci - grad non-matric 15 credits - 2006

certificate copies at: www.verumfactum.com