

# Terry Melton

## SUMMARY

Software Nerd, Pythonista,  
Devourer of Coffee.

All around computer nerd with a special interest in cloud development, media and DevOps. Experience with projects big and small from both the vendor and client sides of the table. I've touched a bit of everything across a variety of industries.

### EMAIL

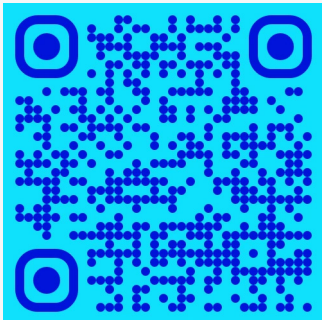
terry.melton@gmail.com

### PHONE

443-632-7375

## US CITIZEN

### LINKEDIN PROFILE



## TECHNICAL SKILLS

PYTHON



MEDIA IT



DEVOPS



AWS



JSCRIPT



AGILE



A.I.



K8S



TERRAFORM



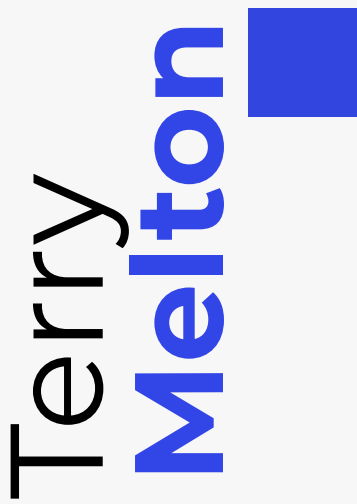
## EXPERIENCE

QL2 Software, Baltimore, MD  
Principal Software Engineer  
7/2022 to 2/2024

- Extended and retrofitted an existing in house web scraping toolset to add additional needed functionality against antibot technologies using Python, Playwright, OpenAPI/Swagger, and other web development frameworks.
- Supervised and advised a global development team with members in Asia and Europe, tracking project progress through Jira and Confluence.
- Mentored and advised junior staff in modern development practices and toolchains, such as SOLID, Story Points, CI/CD pipelines, User Stories, etc.
- Deployed and maintained containerized Linux applications to AWS EKS clusters for data scraping services.

CHESA, Baltimore, MD  
DevOps Team Lead  
10/2021 to 7/2022

- Managed relationships with customers through sales pipelines from presales to delivery and support to identify technical needs and evolving requirements for secure online services and products in AWS and customer hosted cloud environments.
- Responsible for managing and mentoring development team members, managing project progress, and clearing roadblocks to allow project progression and completion.
- Authored technical briefs, customer case studies, and whitepapers for use in client education and elucidation for technical and executive audiences.
- Created AWS SAM based product revenue stream for hosted custom media delivery and workflow processes for media production customers.
- Continued transferred duties as Senior Systems Engineer



## AWS/CLOUD

Serverless Application Model, AWS EC2, S3, IAM, Lambda, RDS, VPC, Route 53, ECS, Rekognition, Transcribe, CloudFormation, CloudTrail, Key Management Service, EFS, MediaConnect, MediaPackage, MediaStore, MediaConvert, MediaLive, Elastic Transcoder, Elemental transcoder, BackBlaze B2, Google Compute Engine, Google Blob Storage, Azure Blob Storage, Google App Engine, Google Kubernetes Engine, Azure Compute

## SOFTWARE

Playwright, Ansible, Terraform, git, GitHub, GitLab, BitBucket, Atlassian JIRA and Confluence, Nessus Vulnerability Scanner, Nagios, Quantum StorNext, Reach Engine Studio MAM, Iconik MAM, CatDV MAM, PyCharm

## VIRTUALIZATION

Kubernetes, Docker, VMware vSphere Enterprise, ESXi virtualization, OpenStack

## EXPERIENCE CONTINUED

CHESA (formerly Chesapeake Systems), Baltimore, MD  
Senior Systems Engineer – 9/2017 to 10/21

- Delivered fully customized media production workflows for major media and entertainment companies, including but not limited to AI media identification, transcription, social media delivery, archiving, transcoding, report generation, data ETL, and other custom needs in cloud and customer datacenters.
- Provided mentorship and guidance to fellow and junior team members in developing and growing skillsets and industry knowledge of media production IT.
- Performed client discovery and communication from presales through project delivery and support to ensure client satisfaction and buy-in.
- Lead modernization of development practices to be more in line with industry practices, borrowing heavily from DevOps, Agile, and XP type practices in planning, QA, and delivery.
- Introduced Docker container based development workflows to improve project delivery timelines and technical agility in transitioning customers from in-house systems to cloud environments.

Laureate Education, Baltimore, MD  
Infrastructure Architect – 11/2015 to 9/2017

- Helped plan, design, and implement a server deployment automation system using vRealize Automation, Puppet, vSphere and DevOps methodologies to enable Continuous Integration efforts of company application development teams.
- Created automated OpenStack server deployment workflows to enable datacenter migration from vSphere/ESXi to OpenStack/KVM.
- Created and maintained standard RHEL based system images for deploying OpenStack hosted systems on enterprise infrastructure.
- Architected enterprise migrations from in-house datacenters to AWS hosted services including P2V migrations as well as complete redesigns to take advantage of cloud strengths such as scalability, high availability, and environment isolation.

## EDUCATION

- Essex Community College, Baltimore, MD  
Majored in General Studies, 2/2004 to 9/2004
- Stevens Institute of Technology, Hoboken, NJ  
Majored in Computer Science, 9/98 to 5/99

## MISCELLANY & HOBBIES

- Eagle Scout of the Boy Scouts of America, Brotherhood member of the Order of the Arrow
- Hobbies Raspberry Pi and Arduino prototyping and other “Maker” activities, Theta Xi Fraternity, movie buff, gaming