

Christopher Mello

Multi Certified AWS Software Engineer and DevOps Project Manager

Fort Lauderdale, FL 33326

chrismellorex1@yahoo.com

<http://christopher-mello-aws-weston.link/>

<https://www.youtube.com/@chrismello7906>

+1 440 520 9848

About

Hands-on Team engineering leader with experience in building highly performant teams responsible for multiple cross-functional areas of development. Successful at team building, development operations, continuous integration/delivery, agile transformation, production support, and NOAA R&D efforts.

- * Leadership, organization, collaborative, multiple major government agencies transition to aws cloud through out the stack
- * Commitment to serving the public with dependable warnings for AWS web and mobile apps
- * Team building culture specialist across multiple disciplines
- * High scale web API's is python and javascript
- * Hardware-Software interface specialist with extensive experience integrating legacy and custom hardware and software into multiple platforms using technology such as Docker, Jenkins, Terraform and Ansible.
- * Multiple current certifications in AWS, Project Management and Redhat
- * DoD Classified Confident Clearance level; Maintained USA AF CARCA unit comms systems on Linux for NOAA.
- * Experienced in Agile Transformation, CMMI level 5

Work Experience

Lead Hyper-converged Infrastructure Cloud Developer

U.S. Department of Commerce

March 2020 to Present

- AWS certified team lead converting six major government departments to an AWS cloud environment
- Led detailed hands on aws training sessions
- Managed and upgraded a multilayered Python web APIs on AWS cloud
- Set up beta builds platforms on AWS including 100 VPC subnets, EC2's, userpools and security protocols
- Used Ansible automation to upgrade and monitor systems
- Managed a Big Data Q that is stored as hdf5 files
- Wrote thousands of lines of Python code
- Worked with a team to set up Lambda functions to trigger off of current forecasts (Python)
- Coordinated and directed hypervisor installations on multiple racks for VMM by writing modification notes
- Improved architecture for recording and retrieval of mega datasets using S3 Glacier

- Configured BigFix monitoring software to link with Azure cloud VM

Cross Platform Computer Network Engineer - National Hurricane Center Miami

NOAA: National Oceanic & Atmospheric Administration - Miami, FL

October 2014 to March 2020

- Managed network Linux (AWIPS) design, project managers and operations technicians for NHC and collocated agencies
- .Transitioned legacy NHC web page to AWS in 2017
- Created an AWS hurricane hunters software platform for sharing data. (2019)
- Set up a Devops environment on the AWS cloud to transition NAWIPS to AWIPS (a major project) (2017-2020)
- I wrote multiple Lambda functions
- Built an entire AWS stack to test data flow and convert python2 to python3 (2017-2020)

Information Technology Officer-

National Weather Service - Cleveland Ohio

October 2002 to March 2014

- Managed Microsoft Active Directory
- Primary Linux administrator

- Managed data flows and file systems

Education

Master's degree in Data Science

UH at Manoa - Honolulu, HI
August 1996 to February 1999

Skills

Do you have any of these top skills employers are looking for?

Jenkins

VMWare

CI/CD

S3

SQL

HTML5

Cloud Computing

Ant

Dismiss

AWS

Python

Git

Java

Linux

Shell scripting

Agile
Dev Ops
MySQL
Docker
Javascript
SVN
Microsoft SQL server
Apache
Scripting
Ansible
Github
Operating systems
Terraform

Awards

National Hurricane Center Cline Award

October 2019

Licenses & certifications



[AWS Certified Developer – Associate Amazon Web Services \(AWS\) Issued Oct 2022 · Expires Oct 2025 Issued Oct 2022 · Expires Oct 2025](#)



[AWS Certified Cloud Practitioner · Expires Oct 2025](#)



[AWS Solution Architect Expires 2025](#)



[FAC P/PM Project Management Certification - 2022](#)