

Farley Kurt Reynolds II

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Currently serving as a web developer at NASA's Atmospheric Science Data Center

TECHNICAL SKILLS

The ability to explain complex technology in down to earth terms

Comfortable operating Linux, Mac OS X, and Windows operating systems

Fundamental knowledge of networking concepts and protocols

Able to implement web APIs or build apps to consume them

Git version control system

Web programming with HTML, CSS, and JavaScript

Python programming for a variety of use cases, primarily web app development

CERTIFICATIONS

AWS Certified Cloud Practitioner

CompTIA Security+

PROFESSIONAL EXPERIENCE

Web Developer, NASA Atmospheric Science Data Center, June 2019 - Present

My primary responsibility is the maintenance of the [Earthdata Forum](#): A forum built on the LAMP stack and deployed on the Red Hat OpenShift on-premises cloud. The purpose of the Forum is to enable collaboration between scientists and developers working at NASA's various satellite data archive centers.

Maintenance of the Earthdata Forum includes continued code releases involving security patches, package upgrades, and new feature implementation

I recently "Dockerized" the Earthdata Forum, using Docker Compose to run the Forum on multiple containers, in order to create an easily distributable code

base that developers at other archive centers can use for testing and development.

Before working on the Earthdata Forum I spent a year helping build and maintain a web application that enables users to download and interact with satellite data

Said web application is built with Django, draws data from a variety of sources, is backed by a PostgreSQL database, version controlled by Git, and deployed on Red Hat OpenShift on-premises cloud

I organized and facilitated a weekly Developer Community of Practice meeting for about a year

I also have spent a lot of time teaching development skills and techniques to my coworkers in non-developer roles to enable better communication and understanding between our roles

All our work at the ASDC is conducted within the Scaled Agile Framework

HBSS Administrator, Commander Navy Installations Command, April 2017 – June 2019

At CNIC I managed McAfee HBSS tools (host based firewall and various other intrusion detection and prevention software) for CONUS and OCONUS Navy networks as part of a four person team

We regularly handled the deployment/configuration of new products and updates to existing products across all the networks we managed

My team was responsible for communication with personnel across almost a dozen different networks, all with different needs in regards to timelines, types of assets managed, security posture, and uptime requirements. Examples include 911 call centers and Guantanamo Bay.

I regularly wrote SOP documents in regards to operation and troubleshooting of HBSS software

I was also called upon to handle cross training between teams

HBSS Administrator, Navy Marine Corps Intranet (NMCI), April 2016 – April 2017

In this role I was responsible for collaborating with software vendor representatives to deploy, upgrade, and maintain IA products in use on the NMCI network - primarily McAfee and Symantec products.

I helped develop internal documentation for my team's processes and procedures

I also developed tools using Windows PowerShell that streamlined workflows and reduced time to complete daily tasks.

Tier 3 System Administrator, NMCI, February 2015 – April 2016

My team served as last stop in escalation chain between end users and vendors, which means we were responsible for troubleshooting a wide variety of complex issues

I developed a PowerShell module to capture and record logs for troubleshooting issues with network monitoring software

I served as one of two Subject Matter Experts for Microsoft EMET

We performed the largest ever deployment of Microsoft EMET (as of the time I held this position, according to on-site Microsoft reps)

Software Distribution Administrator, NMCI, November 2011 – February 2015

As a software distribution admin I deployed high visibility/impact software version upgrades and security patches that affected over 300,000 client seats

I regularly assisted the Engineering team in solving problems with software install packages for various deployments

I deployed software patches on at least a weekly basis to all or part of the network

I was held responsible for maintaining the security posture of the entire network as it related to software patches and upgrades

My work involved communicating with end users to troubleshoot software upgrade issues

On several occasions I performed troubleshooting for VIP customers, such as e.g. Adm. Jonathan Greenert - former Chief of Naval Operations

Tier 1 Agent, NMCI Service Desk, November 2010 – November 2011

My primary responsibility on the service desk was answering phone calls from military personnel and civilian contractors and resolving or escalating their PC, laptop, network, account, or software issues

I was specifically sought by leadership for mentoring new agents

I was consistently recognized as top performer for receiving perfect scores on monthly QA audits

And I was specifically chosen to assist higher tiered teams while at the service desk level

EDUCATION

Hickory High School, Chesapeake, VA - Graduated 2004

2004 – 2006 Attended Longwood University as English Major

2008 – 2009 Attended Longwood University as English Major

89 credits hours earned