

CERTIFICATIONS

- Red Hat Certified Architect (RHCA) - December 2017
- Red Hat Certified Engineer (RHCE) - November 2017
- Red Hat Certified System Administrator (RHCSA) - November 2017
- Red Hat Certified Specialist in OpenShift Administration - December 2017
- Red Hat Certified Specialist in Ansible Automation - October 2017
- Red Hat Certified Specialist in Server Security and Hardening - June 2016
- Red Hat Certified System Administrator in Red Hat OpenStack - January 2015
- Red Hat Certified Specialist in Virtualization (RHCVA) - September 2014
- Certified Information Systems Security Professional (CISSP) - April 2010
- Certified Ethical Hacker (CEH) - September 2010
- CompTIA Linux+ - May 2010
- CompTIA Security+ - May 2009

SKILLS

- Utilized Cloud Platforms - Amazon Web Services (AWS), Google Cloud, Azure, OpenStack, DigitalOcean, Rackspace
- Automation - Ansible/Ansible Tower, AWS CloudFormation, Puppet, Packer
- Containerization - Docker, Red Hat OpenShift Container Platform, Elastic Container Service
- Virtualization - AWS, VirtualBox, Red Hat Virtualization (RHV)
- Languages - Python, Bash, Java, PHP, HTML, CSS
- Database - MySQL, PostgreSQL, MongoDB, DynamoDB
- Virtual Networking - AWS VPC, OpenVPN, strongSwan, ZeroTier
- Identity Management - Red Hat IdM/FreeIPA, some Active Directory experience
- Monitoring/Alerting - CloudWatch, New Relic, Splunk, Wazuh/OSSEC
- Continuous Integration & Deployment (CI&D) - CircleCI, Elastic Beanstalk, Jenkins
- Networking & Security - Tenable Nessus/SecurityCenter, AWS Inspector, Nmap, Wireshark, Metasploit

EXPERIENCE

SENIOR LEAD TECHNOLOGIST / SENIOR SYSTEMS ENGINEER

SPARC, an Agile Systems Delivery Hub of Booz Allen Hamilton 08/11 - Present

- Engineer and fully automate deployment, environment, network, and infrastructure utilizing Ansible, Packer, Docker, CloudFormation, and a range of AWS tools.
- Build and maintain development through production environments within various cloud platforms
 - Custom server builds, load balancing, auto scaling, code deployments, monitoring/alerting, patching/updates, security engineering and compliance, high availability, VPN configuration, identity management, multi factor authentication, documentation, network configuration and segmentation
- Work alongside developers and leads to determine security and infrastructure requirements to meet project needs.
- Linux systems engineer on production operations team supporting the Veterans Benefits Management System (VBMS), 200+ servers spanning 4 environments.

CONSULTING ARCHITECT

Red Hat 09/17 - 03/18

- Provided technical guidance and engineering support, with a focus in cloud automation. Primarily RHEL, Ansible and Ansible Tower, Satellite, OpenShift, and CloudForms.

SECURITY ENGINEER

SPAWAR Systems Center Atlantic 05/10 - 08/11

- Specialized in Linux and Unix Certification Testing & Evaluation (CT&E) processes and engineering for Cross Domain Solutions within the Department of Defense (DoD).
- Performed in depth network forensic analysis using tools such as Wireshark and NetWitness.

- Scripted tools to assist in aforementioned forensic analysis.
- Led security engineering effort for a DoD cross domain solution (CDS) in 2010.
- Co-led CT&E regression testing effort for a DoD CDS in 2010.

INFORMATION SECURITY ANALYST

Honeywell Technology Solutions, Inc. 06/09 - 05/10

- Specialized in Linux and Unix CT&E processes using NIST 800-53 controls and Risk Decision Authority Criteria (RDAC) for CDS within the Department of Defense.
- Led Performance Testing & Evaluation (PT&E) review effort for a DoD CDS in 2009.
- Used tools such as DISA Gold Disk, DISA SRR, and manual testing tools to test client systems for certification and accreditation (C&A).

COMPUTER REPAIR TECHNICIAN

ASU Technical Support Services 08/04 - 08/08

- Provided computer hardware/software repair, data recovery, networking, and one-on-one technical customer support for students, faculty, and staff at Appalachian State University.

EDUCATION

2004-2009 | Appalachian State University | Boone, NC

Bachelor of Science, Business Administration

Major: Computer Information Systems