
EDUCATION

Wake Forest University Winston-Salem, NC
Bachelor of Science in Computer Science and Mathematics May, 2016

TECHNICAL TOOLBOX

Automation: Ansible, Ansible Tower, Rundeck
Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure
Code and Configuration Management: Bitbucket, Confluence, Git, GitHub, Jenkins, Jira
Frameworks: Laravel, Twitter Bootstrap
Integrated Development Environments: Eclipse, Visual Studios
Operating Systems: CentOS, Mac OS X, Red Hat Linux, Windows
Programming and Scripting: Bash, C++, C#, Java, PHP, Windows PowerShell
Web Languages: AngularJS, HTML, jQuery
Other: HashiCorp Vault, L^AT_EX, Vi

EXPERIENCE

Microsoft Redmond, WA
Site Reliability Engineer Fall 2020 - Present

- ◊ Member of the Sovereign Cloud Product Engineering team responsible for enhancing, managing, and supporting applications and infrastructure in Azure government cloud fabrics though secrets and certificate rotation, vulnerability management, and PowerShell automation
- ◊ Member of the Azure Support Case Management team which provides the capabilities for customers to submit support request tickets for Azure Cloud services and offerings
- ◊ Utilized the Express V2 (EV2) orchestration service in conjunction with Azure Resource Manager templates, service models, scope binding files, and Azure DevOps continuous integration and release pipelines to create automated, declarative, and scalable deployments for 7+ different micro-services across 13+ different cloud regions
- ◊ Leveraged Windows PowerShell to automate interactions with Azure resources and configured monitoring solutions to track and report health metrics for servers running external software and applications
- ◊ Served as part of an on-call rotation to ensure that mission-critical, customer facing applications and services remain fully functional and operational within the sovereign government cloud space

Leidos Reston, VA
Software Engineer Summer 2018-Fall 2020

- ◊ Part of a four person team engineering, enhancing, and managing an AWS, cloud-based infrastructure spanning two networks, six different environments, and 197 servers
- ◊ Spearheaded the installation, configuration, and deployment of Rundeck, an open-source runbook automation software solution, across six environments
- ◊ Organised and delivered a high-level keynote presentation of Rundeck's powerful and flexible automation capabilities to a cross-section of team leaders and upper management
- ◊ Led the installation, configuration, deployment, and population of HashiCorp Vault, an open-source software solution, used for the secure storage and governance of passwords and other infrastructure secrets
- ◊ Leveraged CloudFormation templates to architect, build, and configure core servers that function as the automation and management nucleus for each of the six environments

Leidos Chantilly, VA
Software Engineer Summer 2016-Summer 2018

- ◊ Augmented the software baseline of the WISDOM program by developing a Java-based plug-in to allow for the ingest of Periscope data through Periscope's API
- ◊ Maintained and enhanced the back-end infrastructure of the GEOAxIS program through leveraging of the Oracle IdAM stack, bash scripting, AWS, and Ansible deployments to support the delivery of Identity and Access Management services to the National Geospatial Agency
- ◊ Collaborated in a linux based, team environment using the Agile development methodology and the Atlassian product suite

1834 Software Winston-Salem, NC
Full Stack Web Engineer Spring 2013-Winter 2015

- ◊ Collaborated with other students in a group environment utilizing the Agile methodology of scrum teams along with HTML, CSS, and PHP to design, engineer, and create both dynamic and static web sites for various organizations on campus such as Wake Wash, Hit The Bricks, and others

Assistance.net Arlington, VA
Co-founder, Chief Communications Officer, and Web Developer Spring 2013-Winter 2015

- ◊ Employed Laravel (a PHP framework), HTML, and CSS to design and construct the premier online marketplace for individuals to provide specialized services
- ◊ Coordinated with other developers to create and implement code; conferred with other board members to best guide Assistance.net, Inc. financially, socially, and technically, and to raise money through investor presentations and crowdfunding

Noblis Falls Church, VA
Full Stack Developer Summer 2015

- ◊ Worked with other developers utilizing the Agile methodology of scrum teams, C#, Twitter Bootstrap, SQL Databases, HTML, and jQuery, in order to complete the base search functionality for a web-based application that allows the Federal Aviation Administration to improve the tracking capabilities for their telecommunication services

AWARDS AND ACHIEVEMENTS

Hack-a-Thon, C5ISR Charleston, SC
2nd Place November, 2014

- ◊ Competed against industry and government teams, including the U.S. Army, Centurum, SPARC, Engility, and SPARWAR

Boy Scouts of America Winter 2012

- ◊ Achieved the rank of Eagle Scout, the highest in the Boy Scouts of America

This resumé is written in L^AT_EX.