Jacob Coffee

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EDUCATION

Eden Career Technical Center	Ashville, AL
Information Technology	*May 2014*
Wallace State Community College	Hanceville, AL
Associate of Science in Computer Science	*May 2022 (Expected)*
Auburn University	Auburn, AL
Bachelor of Computer Science	*May 2024 (Expected)*

EXPERIENCE

IT Specialist - IT Infrastructure and Business Continuity	Mar 2018 – Present
Labcorp	*Birmingham, AL*

- Developed automation for common problems and repetitive tasks that led to less downtime
- Planned and deployed unique solutions for new clients that resulting in millions in revenue gain
- Implemented new active directory GPO structure allowing for endpoint deployment automation
- Supported Windows Servers (2012-2019), Networks, Active Directory, Group Policy, and end-user computers
- Deployed and maintained Linux and Docker servers and containers, respectively
- Managed networks using tools like Cisco ISE, Infoblox IPAM, Velocloud Orchetrator, and the Meraki dashboard

PROJECTS

Homelab | *VMWare vSphere, Active Directory, Linux, Docker, Azure*   May 2018 – Present

- Designed, deployed, and maintained production-level systems solely for the purpose of learning more about them
- Designed systems around hardware constrains (Dell R510, R620, R430s) in a highly available cluster utilizing vSphere, IPMI, Reverse Proxy with NGINX, and container deployment and management
- Implemented Docker containerization for individual services with source-controlled configuration
- Designed networks with multiple VLANs for segmentation of services such as IoT, Servers, End Users, and Security
- Automated various deployments using Powershell and Bash

TECHNICAL SKILLS

Languages: Java, Bash, Powershell
Developer Tools: Git, Docker, Azure, AWS, GCP, IntelliJ, Atlassian Suite, NGINX, Linux
Other Tools: Windows Server 2012, 2016, and 2019, Ubuntu Server, Red Hat Server (RHEL), VMWare vSphere, ESXi, Proxmox, Hyper-V, GPO, ServiceNow, SCCM, Citrix, XenServer, XCP-NG (Open Source XenServer)
Things I'm Currently Learning: Python, .NET Core, SQL (Postgres and others), Kubernetes, Rancher, Jenkins, Ansible, and any other tool or opportunity brought my way

CLUBS AND ORGANIZATIONS

School Clubs: Auburn AI Club, Auburn Ethical Hacking Club, Auburn ACM Group
Industry Organizations: ACM, IEEE