**Summary**

Experienced IT consultant specializing in systems administration, network engineering, infrastructure automation, and cloud management. Skilled in automation deployment, orchestration, and configuration management with a track record of delivering effective solutions for complex projects. Proven leader in managing and mentoring high-performing teams to optimize efficiency and drive growth. Bilingual in English and Spanish, committed to leveraging a diverse skill set for new challenges.

**Job History**

**Kyndryl, Inc.** Houston, Texas *August 2021 – Present*

**Senior Lead, IT Cloud Consulting Group**

* Delivered expert consulting on infrastructure automation and cloud management, developing advanced scripts in Ansible, CloudFormation, and Terraform for optimized client solutions.
* Specialized in optimizing and deploying cloud infrastructure, ensuring seamless and efficient cloud transitions for various enterprises.
* Deployed Azure virtual machines and load balancers using Terraform, and automated software installations via custom Ansible playbooks, including automated secrets management in Azure Key Vault.

**Infrastructure Automation Engineer**

* Transitioned from IBM GTS to Kyndryl as part of the infrastructure automation team.
* Spearheaded UNIX/Linux optimization projects, leading the deployment of robust and scalable infrastructure solutions.
* Designed and implemented cloud infrastructure using VMware, enhancing system performance and reliability.
* Enhanced DevOps practices, utilizing Ansible Automation, Terraform, and Git to streamline processes and improve deployment speed.
* Developed and automated CI/CD pipelines with Jenkins, adhering to industry best practices to ensure continuous integration and delivery.
* Led Terraform infrastructure provisioning projects, creating efficient and repeatable infrastructure deployment processes.
* Managed network infrastructure builds and configuration automation through Ansible Tower, significantly reducing manual configuration efforts.
* Ensured top-notch security by implementing OS hardening techniques and achieving PCI-DSS compliance.
* Architected and deployed CloudFormation templates, automating the build of application stacks and enabling auto-scaling for AWS migrations, enhancing scalability and resource management.

**IBM** Houston, Texas *September 2019 – August 2021*

**Infrastructure Automation Engineer**

* Transitioned from IBM GTS to Kyndryl as part of the infrastructure automation team.
* Led UNIX/Linux optimization and high-availability infrastructure deployments, enhancing performance and resilience for virtualization and HA clusters.
* Developed various server-build automation provisioning systems using Ansible, Terraform, and CloudFormation for various IBM clients.
* Streamlined automation by converting Puppet manifests to Ansible playbooks for RedHat environments, boosting consistency and deployment speed.
* Implemented cloud infrastructure solutions using Red Hat Virtualization (RHEV and RHV) and VMware.
* Conducted problem-solving and troubleshooting, performing root cause analysis, and developing sustainable solutions.
* Enhanced DevOps practices with Ansible Automation, Terraform, and Git.
* Developed integration and deployment scripts for Azure DevOps Pipelines, streamlining the deployment of code projects on Azure.
* Led Terraform infrastructure provisioning projects, standardizing deployment processes.
* Managed server builds and configuration automation using Terraform Cloud.
* Achieved OS hardening and PCI-DSS compliance.
* Architected and deployed CloudFormation templates, automating the build of application stacks and enabling auto-scaling for AWS migrations.

**Infosys – Mercedes Benz/MBUSA** Atlanta, GA *July 2018 – September 2019*

**Principal Cloud Infrastructure Engineer**

* Led a team of 12 infrastructure and DevOps engineers in rebuilding DevOps tools and migrating them to AWS Cloud.
* Managed the migration of Mercedes Benz mbusa.com websites from a local/regional data center to AWS Cloud.
* Reconfigured servers to eliminate single points of failure and increase high availability.
* Configured Ansible playbooks and Terraform modules to build new infrastructure.
* Migrated Adobe Experience Manager's content management tool, maintaining 0% downtime across production servers and lower environments.

**JPMorgan Chase & Co.** Houston, TX *January 2018 – July 2018*

**VP of Infrastructure Engineering**

* Part of the JPMorgan Chase GTI- Global Technology Infrastructure team.
* Provided roles under the Web Hosting Service infrastructure team, Configuration Management & Automation Team.
* Configured Ansible and Puppet manifests to build automation toolsets for the enterprise.

**Sysco Foods - 2ndWatch** Houston, TX *June 2015 – January 2018*

**Senior Cloud Engineer**

* Designed and built highly resilient, scalable infrastructure as code solutions for large enterprise clients using IaaS, PaaS, and SaaS methodologies.
* Utilized Terraform and CloudFormation templates to automate AWS services, including EC2 instances, RDS databases, Auto Scaling Groups, Security Groups, Load Balancers, Route53 DNS, and VPC configurations.
* Configured WAF nodes for network security and traffic inspection.
* Managed virtual infrastructure automation supporting multiple clients.
* Led data center migrations to Amazon Cloud Services.
* Developed custom Puppet modules for Windows and Linux systems to meet client requirements.
* Configured Puppet master servers for automated deployments across various environments.

**The Home Depot** Houston, TX *April 2014 – June 2015*

**Senior System Engineer / Infrastructure Automation Lead**

* Deployed and configured Puppet Labs for configuration management.
* Provided design and consulting for cloud-based data center deployments.
* Developed custom Puppet modules for various installations.
* Configured Direct Connect for scaling infrastructure into the AWS Cloud.
* Redesigned and automated Nagios monitoring tool installations.
* Automated server infrastructure and application builds using PowerShell scripts.
* Scaled infrastructure to support thousands of nodes across multiple data centers.
* Trained and mentored new employees.

**Consumer Media Network, LLC** Houston, TX *October 2010 – April 2014*

**IT Manager**

* Managed network, remote sites, websites, projects, employees, and contractors.
* Supported a growing user base and remote users across multiple locations.
* Configured and maintained F5 firewalls, Cisco routers, and switches.
* Managed DNS infrastructure for company websites.
* Improved configurations for web hosting, server clustering, load balancing, network security, and email servers.
* Managed a large infrastructure in various cloud hosting providers.
* Configured private VMware ESXi clusters for development and staging.
* Trained and mentored new employees.

**Hewlett-Packard** Houston, TX *March 2007 – October 2010*

**L2 Web Hosting Support / Windows & Linux Platforms / Tidal / VMware / Citrix**

**L3 Network Support IT Infrastructure Operations / Linux Support**

**Network Operations Bridge, Integrated Command Center - ICC**

* Provided support, administration, and troubleshooting for various technologies.
* Supported Windows servers and Active Directory.
* Managed VMWare servers for web application hosting.
* Managed and supported web hosting services on multiple platforms.
* Supported Tidal Enterprise Scheduler for batch jobs.
* Implemented ITIL/ITSM standards and guidelines.

**Global Custom Commerce, Inc.** Houston, TX *January 2006 – March 2007*

**Network Administrator**

* Provided desktop and phone support for network users.
* Set up and configured Veritas Backup Exec for regular backups.
* Managed Cisco routers, switches, and firewalls.
* Performed network and server administration tasks.
* Set up monitoring software for performance logging and review.

**Macropixels, Inc.** Houston, TX *July 2001 – January 2006*

**Owner**

* Maintained client servers, backups, and daily IT infrastructure monitoring.
* Developed and maintained client’s websites.
* Managed client’s network LAN and various operating systems.
* Provided web hosting services and IT services for clients.

**Houston Interweb, Inc.** Houston, TX *January 1998 – July 2001*

**Network Administrator / Web Developer**

* Managed and maintained network and office computers.
* Developed client’s websites.
* Edited images for web use and performed network administration tasks.

**Education**

* **Capella University** Information Technology – Network Specialization 2010 - 2011
* **North Harris College** Computer Information Systems 1991 - 1993
* **University of Panama** Business Administration & Accounting 1988 - 1989
* **Instituto Justo Arosemena High School** High School Diploma 1983 - 1987

**Certifications**

* RedHat Delivery Specialist - RHEL Network (2020)
* Google Cloud Platform Fundamentals: Core Infrastructure (2020)
* AWS Certified SysOps Administrator - Associate (2020)
* AWS Certified Solutions Architect – Associate (2020)
* AWS Certified Cloud Practitioner (2020)
* Cisco CCNP Certification (2010)
* Cisco CCNA Certification (2009)
* Microsoft Certified Professional - Windows 2000 (2000)
* CompTIA A+ (2001)

**Courses and Training**

* Terraform Training (2020)
* Ansible Training (2018)
* Agile Training (2017)
* AWS Certified Solutions Architect training course (2015)
* Big Data and Hadoop Essentials Workshop (2015)
* Introduction to JSON training course (2015)
* AWS Readiness Workshop: AWS Certified Solutions Architect Associate training course (2015)
* AWS Technical Essentials training course (2015)
* AWS Business Essentials training course (2015)
* PuppetLabs Fundamentals & Practitioner Courses (2014)
* Red Hat System Administration I, II Course RH134 (2012)
* MS Office 2007 Server Enterprise, SharePoint Server Installation and Implementation (2010)
* Solaris Server Administration (2009)
* Cisco CCNA Bootcamp training (2009)
* Cisco CCNP Bootcamp training (2009)

**Technical Skills**

* **Cloud Platforms: Amazon AWS, Azure, Google Cloud, VMware**
* **Operating Systems: Windows Server (2008, 2012, 2016, 2019), Linux (Redhat, CentOS, Suse, Ubuntu, Debian), Mac OS X**
* **Automation Tools: Ansible, Puppet, Terraform, CloudFormation**
* **DevOps and CI/CD: Jenkins, Git, Docker, Kubernetes**
* **Networking: Cisco Routers and Switches, Firewalls (Cisco ASA, PIX, Barracuda, SonicWall), OS Hardening, PCI-DSS compliance**
* **Database Systems: MySQL, MS SQL Server, RDS Amazon Aurora, DynamoDB, Oracle**
* **Backup and Recovery: Veritas Backup Exec, Veeam, CommVault**