Blake Green

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SUMMARY OF QUALIFICATIONS

- Accomplished and certified Cloud Architect with experience in fast-paced agile environments
- Proven success in managing, designing, and implementing highly available and complex cloud solutions
- Exceptional ability to balance technical and business needs; resulting in effectively meeting targets
- Dedicated, dependable, flexible, and highly self-motivated; focused on productivity and results
- High ethical standards paired with superior people skills, easily interacts with senior management & staff
- Creative thinker; maximizes all resources to get the job done with additional capabilities:

› *Automation*	› *Backup and Disaster Recovery*	› *Leadership*
› *Cloud Security*	› *Routing and Switching*	› *DevOps*
› *Cloud Solutions*	› *Infrastructure as Code*	› *Cloud Migration*

PROFESSIONAL EXPERIENCE

Infiniti Consulting Group   **Sacramento, CA**
Cloud Architect   *April 2017-Present*

- Architected and implemented a CI/CD solution for a higher education web application which included Github, Jenkins, Docker Hub and Rancher as well as migrated DNS to Route 53
- Developed and executed an entirely automated and immutable AWS infrastructure for web applications incorporating CodeCommit, CodePipeline, Elastic Beanstalk, VPC, ELB, IAM, S3, EFS, and RDS with Terraform and Vagrant tools
- Decoupled clients monolithic node.js application into microservices with Docker and Amazon ECS to create a highly available environment and to allow for scale out capability
- Implemented an ELK stack with Ansible on AWS to automate the creation, configuration and management of the instances for data analytics, data processing, and data visualization
- Deployed a Kubernetes cluster on AWS with applications packaged as Docker images to create a self-healing and horizontally scaling environment for containers as well as service discovery and load balancing with application upgrades and rollback capabilities
- Working knowledge of serverless architecture leveraging AWS S3, Lambda and API Gateway with programming languages such as Python and Go
- Configured an encrypted site-to-site IPsec VPN tunnel from on-premises firewalls to AWS VPC
- Set up a single sign on solution with Azure Active Directory to authenticate users and allow for secure federated access to third party applications integrated using SAML
- Assessed application dependencies to formulate migration strategies and accurately calculate AWS cloud cost using Cloudscape by RISC Networks
- Created CloudFormation templates for reusable and version-controlled infrastructure as code to automate deployments and generate efficient stacks
- Migrated Infiniti's company website to a highly available and durable environment in AWS using EC2 in autoscaling groups, ALB, Route 53 and RDS

United States Air Force – Reserves   **Beale AFB, CA**
3D1X1 - Client Systems Technician   *October 2013-Present*
- Promoted to Technical Sergeant and maintained active Secret security clearance
- Supervised airmen and provided leadership to delegate tasks while being available for escalations
- Non-Commissioned Officer in charge of leading base wide Windows 10 upgrade/migration
- Monitored and generated SCCM reports and patched over 5,000 computers
- Administration of desktops, servers, telecommunications, and network equipment for Beale AFB's 9,000 users

Infiniti Consulting Group   **Sacramento, CA**
Network Engineer   *May 2014 – April 2017*
- Lead Engineer for three managed service contracts which included network administration, security, server administration, and desktop support for mid-size businesses
- Executed on-premises Exchange migrations to Office 365 for over 5k users and mailboxes in small to enterprise level environments
- Configured and deployed 100 Brocade ICX switches to replace legacy equipment and enhance overall network backbone
- Implemented site-wide Aruba wireless that spanned over 300 acres and more than 200 AP's
- Created secure and encrypted connections for remote users and sites by configuring Cisco ASA firewalls with site-to-site tunnel, ISP failover, and VPN capabilities
- Managed, maintained and migrated more than 500 Windows and Linux servers in Hyper-V and VMware environments
- Traveled to over 50 customer sites across the US to perform network infrastructure upgrades to Cisco firewalls, Cisco routers, Brocade ICX switches, and Ubiquity wireless access points

United States Air Force - Active Duty   **Ramstein AFB, GE/Beale AFB, CA**
Executive/Client Systems Technician   *June 2007- October 2013*
- Lead project manager on phone system upgrade from private branch exchange (PBX) to Cisco VoIP technologies
- Project lead for five government building renovations estimating at $2M in upgraded communications infrastructure
- Lead contracting officer representative for managing a $16M Base Telecommunications Services contract for Beale AFB
- Migrated over 7,400 user accounts, 4,500 workstations, 3,000 security groups, 1,400 organizational mail boxes and 270 BlackBerry devices to the Air Force's new domain structure
- 6 years active duty Air Force service; honorably discharged with over 20 awards and decorations

EDUCATION & CERTIFICATIONS

- AWS Certified Solutions Architect – Professional
- AWS Certified Solutions Architect – Associate
- AWS Certified SysOps Administrator – Associate
- AWS Certified Developer – Associate
- Microsoft 70-533 – Implementing Microsoft Azure Infrastructure Solutions
- Brocade Professional IP Administrator
- CompTIA Security+ and A+
- B.S. Computer Science, *UMUC* (In Progress)