SHUCAYB ABDIRAHMAN

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PROFILE SUMMARY

Result-driven engineer with three years of diverse experience in cloud and on-premises infrastructure technologies. Committed to continuous learning and staying at the forefront of emerging trends and advancements. Skilled in coordinating architecture plans and procedures to exceed corporate objectives and industry standards. Proficient in designing and implementing scalable, reliable, secure, and high-performance cloud solutions. Possesses a proactive attitude and strong problem-solving abilities.

CERTIFICATIONS

- AWS Certified Solutions Architect (Associate) - 2023
- Azure Security Engineer Associate (AZ-500) - 2022
- Microsoft Cybersecurity Architect (SC-100) - 2022
- Cisco Certified Network Professional (CCNP) Enterprise - 2022
- Check Point Certified Security Administrator (CCSA) - 2022
- Microsoft Security, Compliance, Identity (SC-900) - 2022
- Cisco Certified Network Associate (CCNA) – 2021

KEY SKILLS

- **Cloud**: Extensive experience with Azure and AWS.
- **Infrastructure as Code**: Utilised Terraform and Ansible for the automated deployment and management of cloud resources in numerous projects.
- **Monitoring & Logging**: Proficient in CloudWatch, Azure Monitor, and Prometheus for comprehensive cloud monitoring, logging, & alerting.
- **DevOps**: CI/CD, Jenkins, Git, Docker, and Kubernetes
- **Programming/Scripting**: Python, YAML, JSON, and PowerShell scripting.
- **Virtualization**: Proficient in VMware, Hyper-V, and KVM.
- **Cybersecurity**: Strong understanding of cybersecurity concepts, and frameworks, with experience implementing security measures.
- **Networking**: Advanced knowledge of networking concepts, protocols, and technologies, with experience configuring and managing enterprise network devices.
- **OS:** Windows, Ubuntu, Red Hat Linux, Centos, Amazon EC2.

WORK EXPERIENCE

The Office Group, London, UK

08/2022 – Present   **Client Network Engineer – Full Time**

- Provide professional IT services for over 18,000 clients across 50+ Workspaces, ranging from SMEs and Fortune 500 companies.
- Collaborate with third-party providers, including ISPs and Network Vendors, to ensure prompt resolution of infrastructure failures, maintaining remarkable uptime and minimizing any adverse impact on client operations.
- Deliver remote support to IT engineers of clients facing firewall issues, preventing substantial financial losses of thousands of pounds.
- Provide training to colleagues from non-IT backgrounds, empowering them to troubleshoot complex IT issues independently, resulting in significant cost and time savings for the organization.

- Assist clients install various infrastructure networking, including Palo Alto, Sophos, Cisco ASA, Fortinet, and Check Point, to enhance their network security measures.

The Education Space, Stratford, London, UK

04/2022 – 07/2022   **IT Engineer – Contract**

- Managed IT infrastructure for over 10 schools, demonstrating a strong background in overseeing and enhancing diverse IT environments within educational settings.
- Maintained exceptional uptime by leveraging cloud-based monitoring tools like Meraki to proactively identify and swiftly respond to any potential issues or failures, ensuring uninterrupted operations and seamless user experiences.
- Collaborated with third-party vendors to address and resolve any product or service-related issues, effectively managing vendor relationships to ensure efficient support and minimal disruption to IT systems.
- Actively proposed and recommended new cloud-based products and services to clients, leveraging expertise in cloud technologies to optimize and improve their current infrastructure. These proposals aimed to enhance operational efficiency, scalability, and cost-effectiveness.

TSN Academy Ltd, Hayes, London, UK

12/2020 – 04/2022   **IT Teacher Assistant**

- Provided comprehensive training and support to hundreds of students, preparing them for vendor certifications in Cisco, Check Point, Palo Alto, VMware, Microsoft, and CompTIA. Achieved an exceptional 98% certification success rate.
- Delivered cloud training, covering key concepts and hands-on exercises using popular cloud platforms such as AWS and Azure.
- Guided students in practical labs, demonstrating the setup of devices like routers, switches, firewalls, and DHCP servers, and implementing Microsoft AD.
- Asset management of all training equipment across all centers in the UK and East Africa.

PROJECTS

AWS Cloud Resume Challenge: Designed and developed a dynamic resume website utilizing HTML, CSS, and JavaScript. Implemented an AWS Lambda function in Python to update a visitor counter stored in AWS DynamoDB, triggered through a REST API via AWS's API Gateway. Automated the web application's deployment process utilizing GitHub Actions, exemplifying my proficiency in establishing effective CI/CD pipelines. Leveraged AWS S3 for hosting the website and optimized content delivery using AWS CloudFront. **Demo:** https://cloud.shucayb.com

Infrastructure As Code: Utilized Terraform to deploy the infrastructure resources required for a highly available web application, including VPC, subnets, load balancers, and EC2 instances. To configure the EC2 instances with essential software packages, firewall rules, and application software, I employed Ansible. To ensure the security of the web application, I implemented SSL/TLS encryption and managed user access using IAM.