

SHERIF ABDALLA

Phone: (074) 55 022 488 | Email: sherif@hosty.uk | Web: www.hosty.uk
LinkedIn: <http://linkedin.com/in/zerodeth/> | Address: Coulsdon, CR5 3GX

COMPLETE RESUME as JUN 2022

LinkedIn Page at <https://www.linkedin.com/in/zerodeth/>

PROFESSIONAL SUMMARY

An experienced Cloud Architect who is **passionate about technology and cloud services**, I enjoy a hands-on approach to technology. My background has allowed me to build a strong **technical architecture skill-set** allowing me to devise creative solutions for my clients. I have a proven ability to **deliver to demanding timescales**, as well as working closely with clients to realise their aspirations.

QUALIFICATION

- ◆ 10+ years of industry experience, strong innovative and technical background
- ◆ 7+ years with Amazon Web Services (AWS) with deep expertise in Amazon's cloud computing offerings
- ◆ 5+ years with container technologies such as Docker, Kubernetes
- ◆ Familiar with Agile development and DevOps delivery concepts, frameworks and approaches
- ◆ Experience developing and/or working with automated test environments
- ◆ Provide oversight for Architect-related functions across multiple projects
- ◆ Formulate strategic plans for component development to sustain future project objectives.
- ◆ Proficient in deployment of virtual servers, installation and configuration of OS
- ◆ System Architect or Consultant Experience for DevOps, CI and/or CD related pipelines
- ◆ Well organized with strong problem skills, good communication and an ability to work on team or independently

EDUCATION

CARDIFF METROPOLITAN UNIVERSITY

Postgraduate Diploma, Information Technology

London, UK

March 2015

ARAB ACADEMY FOR SCIENEC, TECHNOLOGY & MARITIME TRANSPORT

Master of Business Administration, General

Cairo, EG

July 2010

LAKEHURST UNIVERSITY

Bachelor of Science, Computer Science

Washington D.C/Cairo, EG

March 2004

PRINCE2, Foundation Certified

May 2016

AWS, Certified Solutions Architect - Associate

Dec 2016

AWS, Certified Developer – Associate

Dec 2016

AWS, Certified SysOps Administrator – Associate

Jan 2017

PMP, Project Management Institute, Attendant Certificate

MCSE, Microsoft Certified Systems Engineer

EXPERIENCE

BONDSMITH

Head Of Platform Engineering

London, UK

Feb 22 – Present

Responsible and accountable for the successful adoption and embedding of Cloud and DevOps within an organization. Managing the platform whilst being at least 80% hands-on in the day-to-day DevOps build, and work closely with other stakeholders across the organizations.

Responsibilities:

- # Responsible of the long-term vision of the infrastructure
- # Engaged in the day-to-day operations of the platform and work closely with the product manager
- # Oversee the implementation of technology solutions throughout the organization
- # Driver of DevOps culture, setting best practices across the company
- # Engaged in the implantation of CI/CD pipelines for multiple systems across our platform

Environments:

AWS, Azure, Kubernetes,
Argo CD & Rollout,
Terraform, Crossplane,
Kustomize, GitHub-
Actions, Sentry, Logz.io,
Grafana, Prometheus

CLARANET

Cloud Practice Team Leader / AWS

London, UK

Apr 21 – Feb 22

As one of the Team Leaders of this Practice, my primary role is to support the AWS team of Cloud engineers responsible for delivery. Drive decision-making in the team and help define, shape and improve how the team works—involved in delivering large customer projects and supporting the team's development to meet the objectives of the Practice.

EVRYTHNG

Senior Site Reliability Engineer

London, UK
Jan 21 – Mar 21

Promoted to Director of Infrastructure & Lead Site Reliability Engineer.

Key Contributions:

- # Migrating a self-managed MongoDB replica set on AWS to MongoDB Atlas.
- # Speed migration of applications and workloads to the cloud with automation-based code generation.
- # Swap out EVRYTHNG tools and even create new pipelines to meet the needs of individual projects.

Environments:

AWS, GCP, Fargate, Lambda, NewRelic, RDS, CloudFormation, ECS, Terraform, Docker, Redis, GitHub, PostgreSQL, MongoDB, CircleCI, Cloud Functions, Jira, AI Platform, ML Pipeline, Amplify, Confluence

BOSSA STUIDOS

Senior DevOps Engineer

London, UK
Jan 20 – Dec 20
Sept 17 – March 19

A strong focus on business outcomes.

Key Contributions:

- # Infrastructure planning, testing, and development
- # Look at individual functions of the cloud environment and write code to scale them to fill some immediate need
- # Focus is centered on configuration, documentation, optimization and support of the infrastructure components
- # Plan integrations and additions across many systems
- # Stay ahead of the competition on the newest tools that can be implemented to create efficiency
- # Work closely with development teams to ensure that solutions are designed with customer user experience, scale/performance and operability in mind
- # Design and Develop the test automation to validate the builds in the CI/CD pipeline

Environments:

AWS, Azure, GCP, Linux, CentOS, Fedora, Ubuntu/Debian, Ansible, Vagrant, Kops, EKS, ECS, Fargate, RDS, MQ, ArgoCD, Kustomize, Helm, CloudSearch, Redis, CouchDB, WordPress, Terraform, Packer, Vault, Consul, Docker, Elk, Proxmox, VMware, Kubernetes, DataDog, WaveFront, Prometheus, OpsGenie, Grafana, Python, Golang, Jenkins, GitLab CI/CD, NewRelic, OneLogin, Lambda, Jira, Confluence

DEVOPSGROUP

Lead Engineer

London, UK
April 19 – Jan 20

One of the Two Lead Engineer helping of WorldRemit Migration Project from Azure to AWS, Bring Blockchain to Azure Cloud (Kubernetes (AKS)) for Microsoft VAKT Project.

Key Contributions:

- # The extension allows Visual Studio Code users to create and compile Ethereum smart contracts and deploy them on the public chain or on a consortium network in Azure Blockchain Service. The code is then managed by Azure DevOps.
- # Migration Monolithic MSSQL DB and all Application of WorldRemit have been switched to AWS and yet staying in azure, so connection to DB is done over the VPN between both clouds, and actually this time the network latency over the VPN is not killing.
- # Migrating existing AKS to Greenfield EKS and through Terraform
- # Manage complexity of Kubernetes and addons deployment by replacing helm with Kustomize

Environments:

AWS, Azure, Azure DevOps, Ansible, Vagrant, Terraform, Vault, Docker, Kubernetes, Prometheus, Grafana, Helm, Kustomize, GitHub, PostgreSQL, RabbitMQ, KeyCloack, Quorum,

- # Using puppet as Configuration management for all Windows and MSSQL by using AWS OpsWork.
- # Building with Terraform a complex network Infrastructure between Azure, AWS and across WorldRemit Offices.
- # Creating multiple site-to-site VPN's connection between Azure and multiple AWS accounts, Managed by Terraform.
- # Build a different pipelines for managed Network Infrastructure and applications by separating those pipelines across AWS accounts.

Kamus, KubeDB, Puppet, MSSQL, Redgate, Splunk, VPN, Twistlock, Doom9, Cert-Manager, Jira, Confluence

DAYS HOTEL WATERLOO

IT Contractor, Solutions Architect

London, UK
Jan 17 – Jun 17

Examine the current systems architecture, and work with business and technical staff to recommend solutions that result in more effective systems.

Key Contributions:

- # Worked very closely with Global Project Teams including IT architects, Operational Architects to ensure the solution is compatible and a long term fit for the company
- # Reviewed project plans and technical documentation on procedures to maintain and transition IT services during the sale of subsidiary organizations
- # Architecture Support to ongoing projects

Environments:

AWS, Ruby, Python, Networking, Firewalls, Security, VPN, VMware Linux, PostgreSQL

HOSTY

Independent System Engineer

London, UK
July 15 – Oct 21

Works as a project team member, or independently on small projects.

Key Contributions:

- # Help customers build scalable, resilient, and high-performance applications and services on AWS
- # Designed and implemented new procedures for infrastructure migration using Ansible
- # Running Container Clusters with Kubernetes
- # Deployed and managed Icinga and Nagios to monitor system health and patch requirements
- # Installed and maintained Jenkins for Continuous Delivery as well as automate Ansible Playbook runs against production infrastructure
- # Established backup policies, wrote scripts, and implemented schedule to comply with availability needs of all instances
- # Created automation and deployment templates for relational and NoSQL databases (standalone and RDS), including MySQL, PostgreSQL, DynamoDB, MongoDB and Redis
- # Configured RHEL servers, including creating configuration menu and scripts to make the process more efficient and reproducible
- # ELK (ElasticSearch, LogStash, Kibana) implementation

Environments:

AWS, Azure, Linux, CentOS, Ubuntu/Debian, ESXi, Nagios, Ansible, Vagrant, Sophos, pfSense Windows Core, Trello, MySQL, Project Server, Plesk, cPanel, Plex, WordPress, GitHub, Docker, Terraform, Packer, Apache, Nginx, Tomcat

GLOBALINK FOUNDATION

IT Contractor, Senior System Administrator

London, UK
Nov 14 – July 16

Architect, develop and operate highly secure, compliant, resilient, cost-efficient, and high-performing solutions in Cloud and on premises environments.

Responsibilities:

- # Deploy to AWS with Ansible and Terraform & CloudFormation
- # Participate in hiring, coaching, and professional development of other team members
- # Deployment of Docker containers for development
- # Automate repetitive maintenance tasks with Python, Bash scripts Terraform, and Ansible.
- # Nagios monitoring using custom monitors, maintaining and adjusting existing monitors and responding to generated requests
- # Implemented GitLab for version control of Ansible modules and process documentation
- # Installed, configured and maintained multiple Linux Servers, and custom repositories

Environments:

AWS, vSphere, Hyper-V, Ubuntu, Red Hat, Jenkins, Windows AD, Exchange Server, Ansible, Agile, Veeam, Sophos, Nginx, Docker, Vagrant, GitLab, CloudFormation, Terraform, SQL, macOS, Tomcat

Achievements:

- ◆ High-Availability, Fault Tolerance, Scalability, Database Concepts, System and Software Architecture, Security, IT Infrastructure, Virtualization, and Internet Technologies
- ◆ Scrum planning using Agile methodologies for team projects
- ◆ Implemented Jenkins and Ansible tools in order to exceed the reduction expectations
- ◆ Windows Server 2003/2008 upgrade to 2012R2 across the organization
- ◆ Upgrade to Windows 10 with the Microsoft Deployment Toolkit across the organization
- ◆ Successful planning & completion 3 months companywide ESX upgrade

INFORMATIC RESEARCH

Project Manager, Technical/Consultant

Cairo, Egypt
Sept 11 - May 13

Provides subject matter expertise and technical direction.

Responsibilities:

- # Establish AWS technical credibility with customers and external parties
- # Working with Project Managers to provide technical input on new projects
- # Assists with setup and maintenance of test environments for both manual and automated testing
- # Build vagrant environment for running copies of infrastructure locally to speed up development
- # Oversaw the configuration and security hardening of all production systems
- # Managed of Apache servers including installation, maintenance and troubleshooting
- # Build, configure, and deploy VMs and templates, Completed P2V, V2V and V2P migration of Linux servers from VMware, Xen and legacy hardware

Environments:

AWS, Ubuntu/Debian, CentOS, ESXi, Nagios, Chef, Vagrant, Sophos, Windows AD, Apache, Nginx, MySQL, pfSense, Project Server, IoT

Achievements:

- ◆ Forecast current and future needs of the Dev, Stage and Production environments
- ◆ Developed and refined ability of project members to estimate and maintain completion times for tasks. Achieved 88% on-time completion rate for project sub-tasks
- ◆ May assist in negotiation efforts for contracts with external vendors or individuals
- ◆ Gained extensive experience in RPM deployment via Chef, build automation through Jenkins
- ◆ Implement automation for builds and infrastructure for a complete SDLC

AL MADAR GROUP

*Manager, Projects/IT
System Engineer*

Middle East
Nov 07 – July 11
Mar 07 – Oct 07

Experience (IT) and business management in both the public and private sector with key emphasis infrastructure management, billing and telecommunications, vendor management and program management.

Responsibilities:

- # Responsible for building strong relationships with senior business leaders to ensure alignment
- # Maintain virtualized server cluster environment (VMware) and SAN storage in a small-scale datacentre for optimum performance and high availability to ensure business continuity
- # Ensure disaster recovery process is implemented successfully to increase system recoverability if needed
- # Develop PowerShell scripts to automate Active Directory and server tasks and Generate reports for administration and management

Environments:

LiquidWeb, Rackspace, RedHat, Ubuntu, VMware, Windows AD, SBS 2008, IIS, SharePoint, NAV, Exchange, SQL, SCCM, Project Server, WordPress Symantec, Kaspersky Enterprise, AVAYA, Cisco Switches & Routers, AutoCAD, GIS, LDAP, SAN, NAS, Samba, NTFS, Dell PowerEdge, HP Blades, SonicWALL

Achievements:

- ◆ Repeatedly recognized for top performance through fast-track promotions and selection for high-priority initiatives
- ◆ Increased revenue growth by 25% quarter after quarter by streamlining management of systems, data, and telecommunications across 3 locations in Egypt, Lebanon and Saudi Arabia.
- ◆ Define full new IT infrastructure based on Microsoft products (Active Directory, Exchange 2010, SharePoint 2010, ForeFront TMG), including migration (AD and Exchange) from previous environment

- ◆ Windows Server 2003, 2008 clustering technologies. New cluster setups including cluster groups, resources, and scripts to perform automatic cluster balancing and failover for high availability services

BRIDGES MARKETING AND COMMUNICATIONS

Infrastructure Engineer
Call Center Manager

Jeddah, KSA
Mar 07 - May 11
Apr 10 - Aug 10

Managed/coordinated overall activities of the call center as well as provided technical support for design, development, modifications, implementation and maintenance of cost-effective business solutions.

Achievements:

- ◆ Liaised with AutoCAD with team for design and implementation of new site infrastructure for extending call center from 47 agents to 80 agents.
- ◆ Setup outsource call center for bridges clients with customized CRM applications
- ◆ Improved efficiency of alerting by 90% with no loss in environment visibility by investigating and eliminating needless alerts
- ◆ Installed and configured LDAP servers to authenticate between Linux, Apple and Windows environments
- ◆ Restructured/renewed Graphics design department to Mackintosh Systems
- ◆ Established links Jeddah Main Head office and Riyadh office under Jeddah domain

Environments:

Windows AD, IIS, SQL, SharePoint, Exchange, Dynamic CRM, Hyper-V, WordPress, Blackberry, SonicWALL, TMG, Cisco, Symantec, Nortel AVAYA, Altigen, SAN, NAS, Samba, LiquidWeb, RedHat, Mackintosh

AL SHAMIYAH URBAN DEVELOPMENT

System/Network Administrator

Jeddah, KSA
Nov 05 - Mar 07

Responsibilities:

- # Provided company-wide desktop and remote help desk support.
- # Windows Active Directory group policy software deployments and restrictive policy enforcement in various environments
- # Maintain switching and routing configuration and keep network documentation up to date
- # Integrates solutions with other applications and platforms outside the framework
- # Proactively manage and administer the Windows 2003/Linux servers, to ensure they are operating at the required levels of performance. Proactively investigate and propose ways to enhance the performance of these systems.
- # Helped implement SAN/NAS, including configuration and enhancing platform security

Environments:

Windows AD, IIS, Exchange Server, SQL, Blackberry, HTML, AutoCAD, GIS, Symantec, SonicWALL, Cisco, 3COM, AVAYA, SAN, NAS, Ubuntu, Doc-Locator, Hummingbird DM WebTop

HILTON HOTEL

Technical Support

Makkah, KSA
Aug 05 - Nov 05

Tasks performed:

- # Implement and integrate Fidelio PMS application.
- # Perform preventive maintenance, software/hardware upgrades, patch maintenance and firmware upgrades.

ADDITIONAL INFORMATION

COMPETENCIES: Adaptability, Analytical Thinking, Business Function Knowledge, Communication for Results, Openness to Learning, Problem Solving, System Thinking, Teamwork, Thoroughness

HOBBIES: Computer and Technology, Travel, Music, Digital Currencies, Self-Study Courses

LANGUAGE SKILLS: Fluent in English and Arabic