

# Hazaq Naiem

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## PROFILE

Red Hat certified system engineer and AWS certified solution architect with extensive experience in enterprise level infrastructure administration. Passionate about Linux, Open Source, Cloud and DevOps technologies.

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## TECHNICAL SKILLS

- Well versed with cloud computing technologies. Experienced in AWS architecture, specifically in deploying highly available and fault tolerant applications and migrating production workloads to the cloud.
  - CloudFormation, CloudWatch, Lambda
  - EC2, RDS, ELB, S3
  - IAM, VPC, CloudFront, Route53
  - SES, SQS, SNS
- Expert in designing, enhancing and administering, security and performance focused system architectures based on enterprise Linux and Microsoft Windows Server.
  - Red Hat Enterprise Linux, CentOS
  - Windows Server
  - SUSE Linux Enterprise Server
  - Fedora Server
- Experienced in the design and implementation of fully automated Continuous Integration, Continuous Deployment pipelines and DevOps processes for agile projects.
  - BASH, Python, Javascript, PowerShell
  - CodePipeline, CodeDeploy
  - Ansible, Terraform
  - Git, CodeCommit
- Experienced in designing and deploying disaster recovery and backup solutions .
  - Symantec Backup Exec
  - LVM and rsnapshot backups
  - Zerto, cloudEndure
  - Cloudberry Backup
- Extensive experience in a broad range of applications, middlewares, web servers and debugging tools.
  - Apache HTTP Server, Nginx, IIS
  - JBoss Wildfly
  - Apache Jmeter,
  - Drupal, Word Press, Joomla
- Well familiar with a variety of database technologies. Capable of deployment, basic administration and troubleshooting.
  - MySQL, MariaDB, AuroraDB
  - Memcached, ElastiCache
  - Amazon RDS
  - PostgreSQL
- Familiar with all major virtualization technologies.
  - KVM, Xen, OVirt, RHEV
  - Vmware, HyperV
- Experienced with cloud based storage and archiving solutions.
  - AWS Storage Gateway
  - Amazon glacier
- Possess in-depth knowledge of infrastructure components such email servers, LDAP, DNS, FTP and monitoring tools.
  - Zimbra Collaboration Suite
  - Icinga, Nagios
  - OpenLDAP, IPA, Active Directory
  - DNS Mask, BIND, VSFTP, openVPN

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## PROFESSIONAL EXPERIENCE

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**Systems Engineer,**  
**Integra Technologies, Dubai, United Arab Emirates**

**March 2016 – Present**

Integra Technologies is the first AWS Public Sector Partner in the Middle East and is also Advance partners with different open source companies such as Red Hat, SUSE and Zimbra. Integra Technologies is focused on providing Amazon Web Services (AWS) and Linux based business solutions to enterprises in the Middle East.

### Responsibilities:

- Responsible for designing, installing, securing and maintaining Linux based mission critical server and infrastructure for numerous client spread across the Middle East.
- Researching, testing and often bench-marking available open source and other solutions to assess whether they are ready to meet the demands of our enterprise customers.
- Responsible for maintaining multiple AWS accounts for different customers, implementing security best practices and performing cost optimizations.
- Automate system administration tasks using Ansible to reduce operation time.
- Building architectures for workloads on AWS and migrating on-premise workloads to AWS.
- Respond to support calls from clients and alerts from the monitoring system. Debug and troubleshoot production issues on live environments, provide remote and on-site support.

### Key Projects:

- **Al-Ansari Exchange – ZCS to ZCS Migration**  
Migrated 1200 users from an old and buggy deployment of Zimbra to the latest version of Zimbra collaboration suite (8.8.5), wrote custom scripts to migrate user data, Distribution lists and passwords used imapsync for emails. Deployed a LVM snapshot based daily backup and setup failover strategy on the backup server. Configured Nagios server to monitor server health, backups and top sender reports.
- **Al-Futtaim – 2 Node HA Cluster for SyBASE -IQ DB**  
Implemented a 2 node HA cluster using pacemaker corosync and HA-LVM. Wrote the SyBase LSB script since the pacemaker does not have a resource agent for SyBase. The Database was stored on the SAN and was shared between the two VMs running on Vmware. fence\_vmware\_soap was used for fencing and to avoid split brain situation delay was added to the primary fencing device.
- **Dubai World Trade Center – DevOps Consultation**  
Deployed development, UAT and production environments on AWS . Installed and configured JBoss EAP7 (WildFly) and assisted the development team in integrating the application with AWS API Gateway. Worked closely with the developers in fine-tuning the middleware software and automating application deployments on each environment.
- **State Audit Institute – AWS infrastructure for handling INCOSAI 2016 event**  
Migrated the INCOSAI 2016 information web page and mobile application from the SAI datacenter to AWS, to handle the load during the 2016 global event. Setup schedule based auto scaling and optimized the application by classifying static and dynamic content.
- **Qanawat – Mobile promotion application**  
Deployed the core application on AWS for mobile promotion services, running behind an elastic load balancer with auto scaling. Amazon CloudFront to handle the high traffic during the promotion. AWS CodeDeploy and CodePiple was used for Continuous Integration and Continuous Deployment.
- **Gulf Marketing Group – Suse Linux Life Cycle Management**  
Designed and deployed life cycle management of Suse Enterprise Linux using Suse Manger. Configured policy based automated provisioning and patching for development, staging and production environments. Automated the life cycle of SLES repositories.

**Systems Administrator,  
Wathaaeq Services, Sharjah, United Arab Emirates**

**May 2014 – Feb 2016**

Wathaaeq and Estemarat Services is a semi-government organization that processes documents for the ministry of labor and Notary public, with branches all over UAE.

Responsibilities:

- Configure and maintain centralized logging system for audit and security.
- Perform regular backups and upgrades on all production systems. Apply security patches on mission critical systems in case of a zero-day vulnerability
- Work with the development team in managing and deploying Linux and Windows based applications.
- Assist technical support team with any server or client side issues.
- Automating system administration tasks using bash and powershell scripting.
- Administration of Windows Server based IIS server hosting ASP.NET based corporate websites.

**IT Support,  
KEST LLC, Sharjah, United Arab Emirates**

**Sep 2013 – April 2014**

KEST is a local trading company with branches all over UAE while their HQ is in Sharjah.

Responsibilities:

- Configuration routers, switches, desktops and office equipment like fax scanner and printers at offices.
- Provide technical support to the users, monitoring and maintenance of Datacenter.

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**Publications**

GitHub

<https://github.com/hazaq>

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**TRAINING AND CERTIFICATIONS**

AWS Certified Solutions Architect – Associate (AWS-ASA-15828)	Dubai, UAE	Aug 2016
Red Hat Certified Engineer (160-230-397)	Dubai, UAE	April 2017
Red Hat Certified System Administrator (160-230-397)	Dubai, UAE	Dec 2016
Microsoft Certified Professional (F450-4855)	Dubai, UAE	Oct 2015

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**EDUCATION**

**BS in Electronic Engineering (Major in Computer systems)**

**Sep 2009 – Jun 2013**

CGPA: 3.69 / 4

International Islamic University, Islamabad, Pakistan

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**References**

Khizer Naeem, Senior Systems Engineer, Hamdan Bin Mohammed Smart University, Dubai, UAE  
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