

MOHAMED MUHANNAD HUSSAIN

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Malé, Maldives

PROFILE

Enthusiastic IT professional with over 10 years of experience. Involved in successfully planning, deploying and maintaining IT hardware and software solutions that result in better business productivity, reliability and end-user satisfaction. Very motivated to solve problems and implement solutions via new or trusted technologies. Able to work as a team leader to provide excellent results in a fast-paced work environment. Always looking for opportunities for learning and additional growth in the field of IT Infrastructure.

EDUCATION & TRAINING

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| VMware Certified Professional 6 – Data Center Virtualization
<i>Course conducted by Koenig Solutions, India</i> | <i>Sep 2016</i> |
| Completed Integrated Risk, Crisis and Business Continuity Management course
<i>Course conducted by Strategic Vision Group, Singapore</i> | <i>Jan 2016</i> |
| BSc in Information Technology (Networking)
<i>Awarded by University of Lancaster (Studied in Sunway University, Malaysia)</i> | <i>2008 - 2011</i> |
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TECHNICAL SKILLS

Operating Systems:

- Microsoft Windows Server 2012 / 2016
- Microsoft Windows 10, 8, 7
- Linux (Ubuntu / CentOS)
- MacOS

Hardware Equipment:

- DELL EMC Servers, Storage, Network equipment
- Cisco Networking equipment
- Mikrotik Networking equipment
- Ubiquiti / Ruckus Wireless equipment
- Synology / QNAP storage servers

Web and Cloud Solutions:

- Amazon Web Services (AWS) cloud infrastructure
- Cloudflare DNS and protection services
- Microsoft Office365 solutions

Software Solutions:

- VMware vSphere infrastructure virtualization (v6, 6.5, 6.7) / vROps
- Microsoft Active Directory / DNS / DHCP / File server
- Microsoft Exchange Server 2013 / 2016
- 3CX IP PABX solution
- Web application architecture (open source, NGINX, Apache, PHP, MySQL, SSL setup)
- Sophos Endpoint security solutions

- Access control and CCTV systems
- Environment monitoring systems
- Vertiv Precision cooling equipment
- APC / Vertiv UPS equipment

Tools & Scripting:

- Github / JIRA for code and task management
 - PowerCLI / Powershell / Python / Bash for scripting
 - Nagios / Cacti / Grafana for monitoring
 - Ansible for configuration management
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EXPERIENCE

Allied Insurance Company of the Maldives Pvt. Ltd.

2005 - Present

Deputy Manager (Senior Systems Engineer) – Jun 2017 – Present

Assistant Manager – Jan 2013 – May 2017

Responsibilities:

- Handling day-to-day operations of IT related work (helpdesk, system and network administration, procuring new equipment etc.) as a leader of the technical team.
- Managing the network infrastructure for the organization. Branch office connections, Internet connectivity etc.
- Maintaining controlled external access to company hosted services/applications through Internet, SIP services, private networks, Government Network of Maldives.
- Implementing monitoring metrics of IT services.
- Planning of work and assignment to staff.
- Conduct staff related tasks such as appraisals and hiring process.
- Responsible for planning and compilation of annual budgeting for the department.

Career Highlights:

- Actively involved in planning and implementation of a new datacenter (Vertiv SmartRow Solution with 3 equipment racks and redundant power and cooling) for the organization that improved the reliability and cost-efficiency of operating a datacenter.
- Designed and deployed network infrastructure with centrally managed wireless access for new head office and branch offices (Cisco Catalyst and Ruckus networking equipment). Improved the management, ease of access and security aspects.
- Design and deployed a new virtualized infrastructure (vSphere 6 with vROps) and storage systems that supports all of the IT services (5 host vSphere cluster with DELL EMC Blade Servers and Compellent iSCSI Storage). This ensured a reliable and efficient IT infrastructure that can provide high-availability and quick deployment times for different applications and systems.
- Implemented backup software and processes to that data are protected (Veeam Backup & Replication).
- Implemented a disaster recovery datacenter with adequate resources to cater for availability of critical systems in emergency cases.
- Administration of Active Directory services. Setup of multiple DC and DNS services along with DHCP failover. Managed the upgrade of AD infrastructure to Server 2016.
- Managed the migration project to Office365 platform. (Exchange Server DAG, Hybrid Setup, Email migration)
- Administered Linux servers hosting customer facing and business-critical web applications and database. Ensured that configuration was standardized using automation tools.
- Designed and developed AWS base stack (VPC, Security Groups, RDS sizing) and deployment using CloudFormation templates. This was presented as a proof-of-concept and approved for organization's cloud migration strategy.
- Standardized procurement process that conforms to policies and developed good relations with various IT vendors to make sure organization procurement requirements are met in a timely manner.
- Involved in the preparation of IT policies, Disaster Recovery and Business Continuity documentation.

NetAxis Sdn. Bhd. (Malaysia)

2010

Internship

- Involved in deploying and troubleshooting Cisco routing and switching products, Fortinet firewall and troubleshooting networking issues at customers' site.
- Demonstrating edgeBOX (a Unified Communications Solution) for SMB customers.

PROJECTS (FREELANCE)

Dhivehi Viuga Pvt. Ltd.

May 2019

Deployment of HPE Simplivity HCI Solution for Crossroads Maldives

- vSphere configuration for high availability, storage, VM templates for clusters at 3 sites (6 nodes).
- Support for Simplivity software deployment.

REFERENCES

- Ahmed Riyazi Mohamed – Head of Infrastructure and Security
Mindvalley, Malaysia
- Hoodh Ali – Manager, Information Systems
Allied Insurance Company of the Maldives Pvt Ltd, Maldives
- Mohamed Saameen – Director of ICT
FENAKA Corporation Limited, Maldives

Contact details can be provided on request.