**Ini Inyang**

**address: High Wycombe, HP11 1FW**

**mobile: 07850 482 058**

**email: ininyang@yahoo.com**

Professional profile

A result oriented, self-motivated and ingenious professional with a proven ability to follow practises that make an impact. Reputed for taking initiatives, welcoming challenges and scrutinising alternatives to overcome obstacles. With extensive hands on experience on various networks, SQL, IIS, VMware, SAN, AWS, Azure, cloud related services; and having gained expertise on real-time infrastructure migration and system upgrade activities. I am aiming to secure a post in an environment where my experience in design, architecture and infrastructure support can prove beneficial for the organisation.

Key Skills

• Version Control • Database Administration • Load balancing

• Configuration Management • Cloud Technology Management • Virtualisation • PAAS • Storage • IAAS Scalability

• Server Maintenance • Infrastructure Monitoring • Security & User Administration • High Availability

• Powershell Scripting • ARM Templates • ESXi • Hybrid Networking • Deployment & Provisioning

• Office 365 • SQL Migration • Ansible • Data Migration Assistance, Azure DMS • Web Application Firewall (WAF)

• DDOS Protection • Terraform • Azure DevOps

Career narrative

**June 2019 – Present Aura Corporation Azure Engineer *(Contract)***

**Beaconsfield**

***Environment:*** *On-Premises Datacentre, Private Cloud*

***Project Description:*** *To expand Aura infrastructure into the cloud (Azure-Greenfield) and migrate on-premise & Private Cloud data centre to Azure. Infrastructure as a code consultant.*

* Designed and configured Azure Hybrid network, running design workshops, creating LLD/HLD, logical view, documentation and presentation
* Build, configured and provisioned Azure SQL Database Managed Instance (PAAS) for Hybrid migration workloads
* Managed security policy and compliance in Azure Security Center including patching, secure build, vulnerability scanning, remediation, logging, monitoring and threat management
* Designed naming convention for Azure resources
* As DevOps release pipeline, I automated deployment of Azure SQL server/Database and WebApp in PSA QA CI/CD environment
* Provisioned log Analytic Workspaces, configured collection of events/performance data, viewed and analyze data in Workspace
* As DevOps engineer, I provisioned all resources using – ARM Template in Dev/UAT/Prod environment, created DACPAC for SQL resource, Build & Release Pipeline
* Managed Git Repos, Boards and Artifacts used in deployment of end to end code in CI and production environment in a secure and compliant way
* Designed Network address space and subnet
* Designed and implemented vNet, Availability Sets and Availability zones
* Designed and implemented Site to site VPN to Azure (VGW -> On-Prem and VGW-> Private Cloud)
* Designed and implemented NSG (inbound & outbound rules) and route table
* Configured on-premise firewall for route-based VPN connection to Hub vNet
* As a Terraform SME, I automated Deployment of IAAS resources (VM, RG, Subnet, NSG, vNet, Traffic Manager, Application Gateway, VMSS, Azure App Services, Jump Boxes) services using Open Source Terraform with VS code, Terraform Enterprise (TFE), Modules and state files
* Wrote and executed powershell script
* Provisioned low-cost Automation option – Schedule VMs to start and stop
* Designed and implemented web application in multiple Azure regions for high availability
* Deployed WebApp and App Service Plan - Designed and implemented Azure AD Application integration
* Design, created and configured Active Directory Domain Services and DNS in Azure cloud
* Provisioned Domain Controllers (Windows 2019 server) Domain Trust relationship, AD Connect, Application Insights, Azure Monitor, Log Analytic, Azure AD B2C and Azure File Sync
* Implemented (Automation) Update Management solution for Windows VMs
* Implemented and managed RBAC and Identity & Access Management(IAM)
* Cost management for Azure products, estimate, planning and resource optimization to budget.

**Dec 2018 – March 2019 GTT/InterRoute & OFGEM Infrastructure Consultant & Azure Engineer *(Contract)***

**London**

***Environment:*** *Azure Cloud, Virtual Private Cloud, On-Prem*

***Technology:*** *VMware ESXI, VMware Horizon, Docker, GIT, Nagios, Linux, MS SQL, Load Balancers, Ansible, Failover Cluster, Check Point, Palo Alto*

***Project Description:*** *Managed 500+ servers & component provisioning & handling configuration & deployment of infrastructure& services on Private cloud and On-Prem estate.*

* Managing Private cloud and On-Prem infrastructure estate (Prod & DR), that includes 300+ VMs, DHCP, DNS, Backup and LB/Failover clusters
* Created Migration project with Azure Migrate. Implemented Azure Site Recovery, prepared Source (VMware) and target (Azure) environment
* Created/Modified existing ARM templates, Automated deployment of Virtual Machines
* Managed Role-based Access Control (RBAC)
* Utilized Log Analytic and monitored Alerts in Azure Monitor
* Monitored spend and reported spend with Azure Infrastructure
* Created and configured NSG, vNet and Subnet
* Managed Firewall rules on Palo Alto and Check Point
* Managing SolarWinds processes, task, resources and event in real time
* Managed Storage, allocating resources, optimizing performance
* Managing On-Premises Backup and recovery with Commvault
* Administering Citrix client on VMware Horizon View 7
* Automating with Powershell and tooling with Jira/Confluence
* Administered and configured Group Policy
* Managed TCP/IP configuration: subnetting, IP address allocation, IP reservation and IP management
* Created and managed server snapshot for as part of Change and Application Migration
* Troubleshooting hardware/ software and RCA
* Configured Diagnostic settings on Windows VMs in Azure
* Managed SQL clusters
* Implementer of SCCM for Windows server patching
* Managed AD forest infrastructure and FSMO roles
* Produced HLD and LLD for network and server estate. Used Visio & LucidChart
* Updating Trend Micro/Deep Security on Windows servers
* Installed and Configured Webserver on VMs – monitor Active connection, logs (HTTP, SMTP etc), Scheduled task to reset IIS
* Implemented Windows server hardening via Group Policy.

**Dec 2016 – Nov 2018 Arriva Rail London (LOROL) Senior Infrastructure Engineer *(Contract)***

**London**

*Responsible for implementation & Support of Cloud & Datacenter Infrastructure for London Overground Operations*

* Managing Citrix licenses – Citrix license portal, Admin Console and Delivery controller;
* Developed ‘DailyChecklist’ and Automate reporting of server, vmware, Citrix, and Storage infrastructure.
* Managing and configuring Citrix Applications access and user profile/personalisation group via Appsense Environment and Netscalar;
* Managing Citrix PVS/Licensing renewal/Studio, and always ensuring that VDIs within Device Collections/Machine catalog/Delivery groups are operational;
* Project lead and implementation of new Delivery Controllers from scratch and move/ migrate XenDesktops/XenServers/Host to new Delivery Controllers and managing vDisk;
* **NetApp Storage administration– creating volumes (NFS), LUN/Volume (ISCSI), and snap-mirroring and management CIFS shares;**
* Delivered a fully resilient SRM infrastructure consisting of Array Based Replication, Datastore groups and over 40 Protected VMs;
* Build Microsoft SQL cluster servers on 2016 platform (created new volume/LUN in NetApp and configured RDM, Quorum on Microsoft Clustered servers etc);
* Migrated SQL database to new server;
* Configuring and troubleshooting of backup/replica/copy job issues on VEEAM; and implemented VEEAM endpoint backup for Windows;
* Technical lead on migration of Citrix users from 5.6 to 7.6 environment;
* Project lead for scoping of the ARL infrastructure for migration to Hybrid cloud building new VM, reporting health/Data collection using NetApp Config advisor and Autosupport;
* VMware ESXi 6.0/vCenter configuration and administering of 92 VMs HQ cluster, 17 VMs on Ticketing & Oracle Cluster, 37 VMs on DR Cluster;
* Maintaining HP Proliant Blade - configure ILO, install O/S, firmware upgrades and RAID configuration;
* **Rolling out Windows Update & ESXi updates using ShavlikProtect/Ivanti Patch; managing cluster roles while patching, by draining and switching SQL roles back and forth. Updating the Database with the latest definition;**
* Firewall administration with Check Point - Firewall Policy, NAT, Application/URL Filtering, and IPSec VPN
* Decommissioned work on the Exchange server as part of O365 post-implementation planned work
* Designed and implemented Office 365 identity (AD FS) and Azure Active Directory; create and configure Office 365 subscription and joining new/existing devices to Azure AD
* Upgrading NetApp FAS storage Operating System, to resolve bug present on the current version of ONTAP on the FAS 8020s. Engaged third-party to assist with the upgrade;
* Managing Windows 7 Thin Clients (IGELs) through UMS console - upgrade firmware, and deployment new Thin Clients;
* Automated AD/DHCP/DNS deployment, configuration and reporting using Powershell
* Expert in use of AD Manager and ADAudit plus;
* Maintaining and assuring the uptime of the production environment. Administering up to 120+ physical servers, 100+ Virtual machine and Template, and 10+ ESXi Host;
* Install and deployed new Domain Controllers/ DNS servers across DR & HQ site;
* Responding and taking action with respect to OpManager alerts;
* Produced LLD & HLD for ADFS/ O365 migration;
* Technical lead to draw-up and complete GDPR compliance processes;
* Coordinating CAB meeting on weekly basis;

**Dec 2015 – Nov. 2016 CSC Senior Wintel Engineer *(Contract)***

**Reading**

*Responsible for Infrastructure in Royal Berkshire Hospital and Aylesford Data Centre, my recent tasks and project include:*

* EMC VNX 5300 storage pools, and LUN configuration for new/existing production environment;
* VMware ESXi 5.1, 4.1 and vCenter configuration/administering of platform of more than 300 virtual servers;
* Managing the Server estate, that includes DHCP (IP addresses management), DNS, FSRM (Quota management), Storage, Backup, AV, and Monitoring;
* Managing Failover Custer services;
* Automated AD/DHCP/DNS deployment, configuration and reporting using Powershell;
* P2V and V2V migration of servers to new production environment;
* Implementing and configuring new VM builds and storage provisioning to new and existing VMs on Windows 2008r2 and 2012r2;
* Configuring and provisioning of HP EVA storage;
* Automated AD+Exchange Mailbox leavers maintenance task;
* Citrix XenApp configuration – task includes management of reboot process, license and Certificate management and performance tuning;
* Developed an ‘Idiot Guide’ on how to build and deploy Virtual Servers;
* Configuring Cisco ACS server;
* Rack mounting of HP Proliant DL380 and Dell chassis - configure ILO; O/S, application install; firmware upgrades and RAID configuration;
* Managing servers via HPSIM - including checks for warning and error alerts;
* Implementation of new performance monitoring to establish disk IOPs; AD Replication Status, MAP Toolkit performance and inventory data collection.
* Attending CAB meetings.

**June 2014 – Nov. 2015 Royal Free London - NHS Foundation Trust Infrastructure Engineer *(Contract)***

**London**

*Key Responsibilities:*

* Project Team lead on Application (Indigo4 & Finance Team) migration to new Physical server, HP Proliant DL380 Gen 8 server mount/racking, RAID config, O/S, antivirus, and up-to Windows updates install
* Server provisioning on both Physical and Virtual platform – overall task include but not limited to completing Server /change hosting form to emailing server contact manager for drive/directory to be backed up
* Administering Symantec Backup Exec 2010, HP Data Protector Manager v7&v9, HP StorageWorks D2D Backup System – Routine Backups and Restore (Image backup and restore)
* Project lead to implement resource monitoring (Disk, Memory & CPU) of over 400 servers – including performance tuning on VMs
* Installing, configuring SCVMM, vSphere 4.1/5.1/5.5, vCenter server, ESXi, Hyper-V Server & VMs – Deploy VMs from Templates, Convert Physical machine to VMs, Clone VMs, managing VMs snapshots and consolidate VM Disk when needed
* Installing and configuring Windows O/S on Cisco UCS C240 M4 Server
* Installing and Configuring Ubuntu v14 and LDAP setup
* Carried out P2V using VMware vCenter Converter
* Administering VMware View 4.1.
* Troubleshooting Windows server 2003/2008/2012 server logs on servers for any errors and warning. Print server migration and administering application servers.
* Routine checks on VMware Update Manager for any outstanding critical update/patches.
* Administering XenApp 4.5; design and configured 7.5/7.6 XenApp/XenDesktop. Team lead to implement Citrix servers nightly reboots and Service recovery configuration on 50 Citrix servers.
* Administering CA servers, Self-Signed RDP Services Certificate, IIS and relay servers.
* Administering HP BladeSystem and HP RackSystem. HP Systems Insight Manager (HPSIM) – routine checks include monitor and check Insight alerts; checks to ensure all servers are working as it should; check for warning and error messages for hardware and network failures; SPP /Firmware/ ILO updates and HP SUM.
* Provisioning & managing LUNs, iSCSI from HP StoreVirtual SAN P4500. Weekly SAN cluster reporting on storage capacity, performance and upgrade requirement.
* Installing, administering and configuring Windows Storage Server 2008 R2 Enterprise – Fail Cluster Manager
* Writing & implementing VB/Powershell scripts on Windows and VMware platforms. Designed and implemented script to clear old profiles on file server.
* Inventory reporting of Host & Clusters resources via Foglights for Virtualization - vOPs report for any issue with the virtual servers or the virtual platform; remove unused snapshot, rerun image backups, check CPU Usage, Storage and network bottle neck system with snapshots
* Implementing McAfee ePolicy, daily checks of ePO for Dat update; virus alert for threat detection and event filtering. Review Server Dat Definition reports for servers AV status and Server Task log to ensure is working ePO effectively.
* Lead project to Upgrade physical memory on 12 ESXi server and updating VMware tools via Update manager.
* Administering Foglight™ for Virtualization; vOPs reporting on Virtual servers, check CPU/Memory/Storage useage/bottleneck and check for systems with Snapshots
* Administering and managing Microsoft lync Server 2010
* Technical lead to implement Image backup on UNIX based servers
* Configuring and managing failover cluster manager, file server, and adding disk storage via left hand SAN - daily server disk capacity management.
* SQL Server & DB administration, backup schedules and configuring and managing maintenance plan for .baks and transaction logs
* Attending CAB meeting.
* Documenting multiple ‘how-to’ steps and designing ‘Datacenter’ diagrams using Visio.

**Mid Jan. 2014 – April 2014 NORTHGATE INFORMATION SOLUTION**

**Wintel 3RD Line Engineer *(Contract)***

**Bracknell**

*Northgate-IS provides technology solution and services to public sector organisation. It has serve more than 20% of the Fortune 500 Companies, 40+ public organisations; including St. Albans, Reading, Wycombe, Bracknell, Wokingham, Warwickshire, Cambridge council and saving UK local and central government authorities over £200m*

*Working as part of a wider team to ensure that 500 back logs of Windows/Citrix/VMware/SAN/Exchange server system issues are resolved.*

*Key Responsibilities:*

* Dealing with 3rd line infrastructure/servers issues, monitoring of servers via Nagio & NetCool, patch management and looking after call queue in VMware Service Manager.
* Installed and Configured Windows server 2012 r2 for both physical and VMs; including setup of features such as IPAM, DHCP failover, UGMC, etc.
* Administering & management of ESXi 4.1 & 5.1 & vCenter servers. Supporting environment that consisted of 50+ ESXi host and 600+ Virtual Machines.
* Daily incident resolution and service-request completion –Active Directory (ADDS), DHCP, DNS, Windows 2000/2003/2008/2012, Citrix XenApp 6.5, VMs, Exchange 2007&2010 server issues.
* Raising change request for server moves/changes and ensuring all interested parties are aware
* Involved in early morning shift to ensure all critical servers and applications are running before normal business.
* SQL Server administration
* Microsoft Exchange 2007/2010 administration
* Manage and support VMware infrastructure of over 2000 servers
* Administering Terminal Server farm/Citrix farm of more than 40 servers and 500+ users
* Trouble-shooter of system outages.

**Aug. 2012 – Dec. 2013 NETSUITE INC.**

**Senior System Administrator *(Contract)***

**Maidenhead**

*Outline:*

*Headquartered in California, Netsuite is a software company specialising in marketing* [*cloud*](http://en.wikipedia.org/wiki/Cloud_computing)*-based*[*software-as-a-service*](http://en.wikipedia.org/wiki/Software_as_a_service) *integrated business management software. It generated revenue upwards of $300 million with about 1300 employees in 2012.*

*Worked as a member of the global team responsible for managing international IT cases (3rd Line issues) related to Windows servers, VMs, Exchange, SQL servers, MacBook, desktops, laptops, telecoms, infrastructure management and projects. Involved in eves/nights/weekend shift to ensure all servers/applications are running in other regional offices such as San Mateo/Manilla/Tokyo and Uruguay*

*Key Responsibilities:*

* Domain Upgrade to Windows 2008 - Migrate Active Directory roles, decommissioned Domain Controllers with Windows Server 2003 ; updated and reconfigured DNS on all servers and routers
* Managed & administered AD, DHCP, DNS, Print server, RDP, Group Policy, Exchange Server 2010 and BES. Performed routine tasks using PowerShell scripting
* Configured, administered and deployed Windows images via WDS, Microsoft Deployment Toolkit & ADK tools
* Deployed apps, performed upgrades & SMS reporting using SCCM for various global sites
* Administered onsite backup using Windows backup services
* Implemented DFS on Windows server 2008R2 platform – distributed across Brno & Maidenhead sites
* Built portable VMs using VMware workstation for testing OpenAir integration with Exchange 2010
* Administered and maintained servers 2012 & 2008R2 (100+ Core/GUI) with Hyper-V and VMware ESXi –performed tasks like resource control/metering, patching, cloning, migration to 2012, managing snapshots, and clustering
* Provided high-level support to Blackberry users on BES; including iPads, iPhones, Androids, and Windows Mobile
* Configured and supported Cisco/Juniper/Sonicwall firewall, Wireless LAN Controllers, LAN/WAN devices and IPSEC/VPN, Panasonic PBX, Cisco phone system, and Cisco Webex/Conferencing
* Involved in strategic procurement , conducted negotiations with vendors
* Maintained and updated documentation of IT assets, Windows server farm and network infrastructure layout
* Integrated Apple Mac OSX with Active Directory

**Jun. 2012 – Jul. 2012 GRASS ROOTS**

**Infrastructure Analyst *(Contract)***

**Aylesbury**

*Outline:*

*Established in 1980, Grass Roots is primarily a business service company and employees 800 people in the United Kingdom*.

*Key Responsibilities:*

* Configured and administered ESXi, Windows 2003 r2 DCs, 2008 r2 DCs, Exchange servers; services include but not limited to Active Directory Domain Services, GPO, SMTP, Citrix, BES, SPAM filtering
* Performed backup administration through use of Symantec Backup Exec v11 &12, VERITAS Exec v10 and HP Data Protector
* Redesigned logon script for more than 700 users
* Conducted client-side desktop/laptop migration, application distribution via GPO
* Supported LAN, WAN and VPN connectivity solutions

**Feb. 2011 – Apr. 2012 GENESIS HOUSING**

***Technical Engineer (Contract)***

**London**

*Outline:*

*Genisis is UK’s leading housing association that aims to provide houses for people to live in. It has around 33,000 homes across London and the east of England.*

*Key Responsibilities*

* Served as a technical engineer for VMware, Cisco, Exchange, Mitel and Windows Server teams and managed 150+ Windows servers, 50+ L3 switches, and 10+ ESXi Hosts across sites in London
* Provided 2nd & 3rd level technical support, carried out maintenance, health checks on SAN/ESXi/Windows 2008 server infrastructure, and took backup using Symantec Backup Exec
* Installed, configuring and support Windows 2003 R2; migrating to 2008 R2. Implemented enterprise file, print server – this project involved replacing the enterprise and remote office file and print servers with Windows 2008 servers.
* NetApp Storage – ISCSI, Asynchronous SnapMirror (DR). Backup server with Symantec Backup Exec - daily backup of all physical windows server, daily backup of SQL databases, snapshot of virtual servers datastores.
* Responsible for administration of Exchange 2003/2007 on routine basis. Task includes but not limited to database and storage groups management.
* Building servers through use of VMware vSphere and vCenter. The environment consisted of 7 ESXi host and 120+ Virtual Machines. Frequent clones to VMs, creating templates, and snapshots. Use Data Recovery to back up and recover a virtual machine
* Implemented VDI – Remote Desktop services and Terminal Server Farm project with VMware.
* Performed technical role on Cisco &NEC migration to Mitel Controllers, which affected 1600 users. The project implemented Mitel to replace Cisco ISRs and NECs. I document procedures on how to administer both Cisco and Mitel IPT systems.
* Implemented and support WSUS for Window 2003 & 2008 servers which all servers were scanned and remediate for risk mitigation. Involved in eves/nights/weekend shift to ensure all critical servers are patched
* Virtualized mission critical application (Agresso & NorthGate) with P2V to Wintel / VMware platform. Created the ESXi test environment and plans, and manage communication with the business units.

Prior engagements

**Apr. 2008 – Feb. 2011 COFELY GDF SUEZ**

**System Administrator**

***High Wycombe***

**Oct. 2006 – Nov. 2007 UNIVERSITY OF PORTSMOUTH**

**Network Analyst**

**Mar. 2003 – Sep. 2006 SHELL PETROLEUM DEVELOPMENT COMPANY**

**Project IT Support Engineer**

Certification & Training

* **Azure Solutions Architect AZ-300 (Edureka Trained) |** 2019
* **DevOps Certification (Edureka Trained) |** 2019
* **AWS Solution Architect | AWS** | 2018
* **Microsoft Certified Solution Associate** (Windows Server 2012) **| Microsoft** | 2014
* **VMware Certified Professional | VCP 4, VCP 5**

Education

## M.Sc - Communication Network Planning & Mgt | University of Portsmouth (2007)

### **Sep ’07 – oct ‘08**

Additional information

**References** Available on request

**Interests** Football, tennis, swimming, socialising with friends, Computing and Technology

**Driving License** Yes, full clean licence

**British Citizen Yes**