

Niall Hatton

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Profile / Summary:

An **Infrastructure/DevOps Engineer, Cloud Administrator** and **Virtualisation Specialist** with expertise managing and optimising IT infrastructure systems to drive highly available and resilient services both on-premise and in the Cloud using Azure and AWS. Key strengths include: utilising VMware 5/6 skills in enterprise and data centre environments to provide best in class virtualisation for mission critical applications; drawing on a deep understanding of data centre class hardware installation, maintenance and configuration to drive improvement; applying expertise in Windows server, desktop administration and network support to ensure security and compliance; and operating as a technical lead to support transition, integration and migration projects, including Cloud migration/deployment in evolving environments.

Key Skills:

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| <ul style="list-style-type: none">▪ Cloud Support: Azure and AWS▪ Microsoft Windows Server 2008 / 2012▪ Office365 / Exchange Online▪ Microsoft SCCM/Operations Manager▪ VMware, ESX 5.5 / 6.7, Hyper-V▪ Automation and Orchestration▪ Powershell / PowerCLI Scripting▪ Python Scripting, Azure DevOps, CI/CD | <ul style="list-style-type: none">▪ UCS Central and Manager▪ Networks: DHCP, DNS, Firewalls, Wireless▪ Enterprise / Data Centre Environments▪ BAU, Transition, Integration, Migration▪ 2nd and 3rd Line Support▪ High / Low Level Technical Documentation▪ Backup, Veeam, CommVault▪ Technical Lead / Troubleshooting |
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Current Role:

2015 to date: ELH IT Services Ltd: Independent Contractor

- Independent contractor working with clients including, BAE Systems, Royal Navy, NATS, Leidos, Logicalis, Hitachi Data Systems, Atos UK/Royal Mail Group and Natures Way Foods. Below is a list of assignments completed during this period and in earlier career (not all are listed).

Project / Assignment Portfolio:

Itera: Azure Multi-tenant Exchange Online Backup Solution: Azure/DevOps Technical Lead

Itera required a multi-tenant backup solution for their customers who used Exchange Online and Office365 services. Build production environment; created VPN to on-premise; and implemented ensuring backup and monitoring were in place. Succeeded in configuring the Azure Veeam Office365 backup solution and the backup of 1400 Exchange Online mailboxes.

Itera: CommVault to Veeam Backup Migration: Infrastructure Technical Lead

Itera had a number of on-premise customers in a common managed environment. These customers were hosted on a faulty and unreliable CommVault solution. Tasked to migrate all customers to a new Veeam backup solution with minimal downtime and data retention disruption. Successfully migrated all customer workloads including Oracle, SQL and physical clients.

BAE Systems: Combat Systems Integration, Deployment and Support: Type 26/Queen Elizabeth Carrier: Combat Infrastructure Engineer

- As part of the SI (Shared Infrastructure) programme, BAE required integration environments developed and delivered to internal and external customers to run combat system applications. Tasked to deploy agile virtualised infrastructure complying with top secret security principles hosting highly sensitive software applications. Created documentation of various security classifications; building infrastructure from bare metal designs on VMware; used PowerShell to develop automation scripts to deploy and test; Creation of Juniper network configurations to support application requirements. Deployed c. 15 systems including

infrastructure for gun/missile control, voice, radar and target tracking.

NATS: Automation and Deployment of Air Traffic Management (ATM) Platforms: Single European Sky ATM Research Programme (SESAR): Platform Infrastructure Engineer

- As part of the SESAR programme, NATS required an agile infrastructure technology platform to run new generation of ATM applications. Engaged to deploy architected containerised designs manually and develop automation tools. Created containerised design spreadsheets; manually deployed designs on Flexpod; used Powershell to develop automation scripts to interpret requests and deploy to Flexpod (VMware, UCS, NetApp). Deployed c. 20 systems including infrastructure for Air Traffic control voice, flight path management and simulation.

Logicalis: Secure Site Data Centre Migration and Relocation: Platform Infrastructure Engineer

- Logicalis required physical migration of part of their data centre. Engaged to create, update and own migration documentation, including configuration changes, storage shut-down, virtual compute and equipment removal/reassembly. Ensured patching schedule/test plans were updated and configuration backup undertaken; raised change control requests; carried out risk assessments; shut down equipment; and reassembled/tested at destination. Moved 16 racks of equipment without damage and restored service within agreed deadline.

NATS: Technical and Service Documentation Creation and Delivery: Platform Infrastructure Engineer

- NATS required documentation for all aspects of service delivery. Engaged to create and update documentation. Reviewed Service Delivery Management Plan; liaised with Delivery Managers to capture/update changes; created, carried out and updated Work Instructions for manual/automated deployments; built implementation spreadsheets; and peer reviewed processes to ensure consistency. Succeeded in delivering documentation that enabled delivery of a consistent, repeatable, high quality and continuously improving service offering.

NATS: Cloud Platform Monitoring Installation and Configuration: Platform Infrastructure Engineer

- NATS required a solution to monitor infrastructure of the ATM system with ability to predict and protect against contention/over capacity. Engaged to plan, install and configure VMware vRealize. Created full proposal documentation for end client; liaised with suppliers for time and materials costs; planned vRealize installation adhering to change control processes and arranging outages; installed/configured system; and adjusted monitoring thresholds to ensure accurate reporting. Provided a proactive and highly available system aligned to client needs.

Seagate Systems: VMware Infrastructure Upgrade: Project Technical Lead

- Seagate utilised two VMware environments with a 5.0 ESX installation which had become outdated. As project Technical Lead led an environments upgrade with minimal disruption. Conducted a full infrastructure review to support planning; implemented initial upgrades to 5.5 on development and production environments; carried out testing; and implemented further upgrades to 6.0 ensuring continued compatibility of backup, monitoring and other software. Succeeded in upgrading VMware infrastructure on time with zero user disruption or downtime.

Atos UK / Royal Mail Group: Server Remediation: Wintel Build Factory Technical Lead

- Atos had migrated users from incumbent supplier to a new infrastructure, and inconsistencies and issues had arisen. As Technical Lead tasked to remediate the servers. Used automated scripts, manual methods and service desk tickets to evaluate issues; detailed steps and risks to relevant teams to gain approval for changes; ensured changes were implemented; and created repeatable processes to avoid issues on future migrations. Delivered effective remediation of circa 140 servers across 10 domains with minimum impact to the customer.

Active Navigation: Physical Infrastructure Migration to Azure Cloud: Product Support Engineer

- Active Navigation initiated a project to migrate on-site physical infrastructure to Azure Cloud. As Product Support Engineer tasked to migrate development, build and test environments. Scoped existing systems to match virtual machine capacity; created site to site VPN to link the network to the cloud; deployed new virtual machines/networks; installed and configured applications; and migrated existing data and test system operations. Succeeded in delivering Azure Cloud environments with the capability to scale up and out to meet changing business requirements.

Career Chronology:

- 02/2020 to 05/2020: Itera: Azure Senior Infrastructure Engineer (Contract)
- 10/2018 to 01/2020: BAE Systems: Combat Infrastructure Engineer (Contract)
- 03/2017 to 08/2018: NATS / Leidos: Platform Infrastructure Engineer (Contract)
- 09/2016 to 03/2017: Natures Way Foods: Senior Infrastructure Engineer (Contract)
- 01/2016 to 08/2016: Hitachi Data Systems: Virtualisation Specialist (Contract)
- 10/2015 to 01/2016: Atos /Royal Mail Group: Wintel Build Factory Technical Lead (Contract)
- 09/2014 to 10/2015: Seagate Systems UK, Portsmouth, Senior Systems Administrator
- 02/2012 to 09/2014: Active Navigation, Winchester: Product Support Engineer
- 02/2010 to 02/2012: Barfoots of Botley, West Sussex: Systems Infrastructure Engineer
- 06/2006 to 01/2010: Highbury College, Portsmouth: Systems Infrastructure Engineer
- 02/2005 to 06/2006: G7 Computer Services: Systems Field Engineer

Education & Professional Development:

- Azure Certified
- Full Stack Software Development Diploma (On-going)
- VMware 6 ICM
- Meraki: CMNA
- Cisco CCNA
- Autopsy Digital Forensics
- AVCE: ICT: South Downs College / GCSE's: 9 Subjects: Springfield Technology College

Additional Details:

- Address: Portsmouth / Driving Licence: Full UK (Clean)

Recommendations:

"Niall was recruited into the Project Early Life Support (ELS) Team based on his breadth of Compute knowledge and enthusiasm to learn new skills. With evolving designs, increased customer knowledge and application development, the ELS Team were operating in a dynamic environment. Niall had to deal with daily challenges, often unique and across the network / compute divide. He did not disappoint and the team will definitely miss him when he leaves. However, and future employer will greatly benefit from having Niall on their team!"

Mike Corden, Service Delivery Manager, Logicalis UK

"Niall is an extremely capable and dedicated IT professional. Niall was a key player within our team during his contract, dealing with complex infrastructure problems and issues. He has strong technical skills and brilliant work ethic; he will stay until the job is done! Niall fits well within a team, and can deliver in isolation if required. He is very personable and has a great way of explaining technical issues to non-technical people. I would re-hire Niall in a heartbeat."

Stewart Wilmot, Head of IT, Natures Way Foods

"It's rare that you come across reliable talent like Niall. I placed him with a client of mine as an Infrastructure Engineer for 6 months and received nothing but good feedback on his placement. He was punctual as well as reliable and carried out his work to a high standard. Niall's transparent and honest approach coupled with his wide technical abilities make him an easy contractor to place."

Wayne Taylor, AWS & Cloud Contract Recruitment Consultant, Networkers

"Niall is a grafter; his work ethic, professionalism, determination and commitment to the job at hand are exactly what any manager wants. Pair this with his strong technical ability, particularly in the virtualisation and Wintel arena but wide and adaptable enough to cover a list of topics and you've a formidable force. His genuine enthusiasm for technology means he's well versed with his industry, has good contacts and knows where technology is heading. I'd welcome Niall back into any team of mine with confidence in the fact he'd fit straight in and deliver excellent results."

Rob Mabey, previously Manager at Seagate Systems