**Lee Fairchild**

**Mobile:** 07946 317 020 | **Email:** Lee.w.Fairchild@gmail.com | **Clearance**: Active SC

**Location:** South Buckinghamshire

**Professional Profile:**

Technical Consultant working at an enterprise level focusing on consistently delivering business results, engaging enterprise level clients on complex IT Infrastructure projects, working on the continuous E2E software development lifecycle process. Having an excellent organizational approach and over 25 years’ experience of verification and configuration skills. Experienced at leading teams and having good communication and interpersonal skills at all levels of the business. I am keen to take on new challenges, adaptable to many tasks and I work well in a team environment.

**Professional Qualifications:**

Working towards AZ-104: Microsoft Azure Administrator

PRINCE2 Foundation Certificate in Project Management

ISEB Foundation Course Certification in Software Testing

MCSE – Microsoft Certified Systems engineer: Windows 2003

MCSE – Microsoft Certified Systems engineer: Messaging 2003

BTEC – PC Systems support with Merit

**Technical Summary:**

|  |  |  |
| --- | --- | --- |
| Operating Systems: | * Microsoft windows server 2003 – 2022 * Windows legacy to Win 10\11 * Red Hat Linux, Ubuntu, CentOS | * Cisco IOS * VMware ESXi & Horizon VDI * Hyper-V * Azure Cloud |
| Software: | * Microsoft Azure Administrtor * M365 Exchange Online * M365 Security Centre, M365 Compliance Centre, Purview DLP * Azure Active Directory * Conditional Access Policy\SSO\DLP * Microsoft 365 suite, including SharePoint Online, Exchange Online, Teams, OneDrive for Business MS Intune Endpoint Manager * Azure Sentinel * Microsoft Active Directory and Group Policy – Multi site\ Forest * System Center Configuration * Ivanti, Applocker device control * Server hardening | * Micro Focus ArcSight SIEM security * Fortinet SIEM network and content security products * Symantec endpoint security and backup, Windows Defender * Opswat Core & Manager * Digital Certificates & authentication, PKI, HSM * PowerShell * PRTG, LogRhythm, Athene, Flexera * Cofense PhishMe Solutions * Application Packaging and deployment * Experience using Kubernetes |
| Networking Technologies: | * Azure Networking, NSG’s, Vnets * LAN,WAN,VLAN technologies * TCPIP, DHCP, DNS, SMTP, OSPF | * Cisco routers and switches * Zscaler, ,Meraki Firewalls * Claranet |
| Management Tools: | * Service Now * Borland Star Team * Defect management * ITIL processes and frameworks | • Remedy ARS  • Mercury Test Director   * Functional and Non-Functional * Agile Scrum, ADO & Jira |

**Professional Experience:**

**Just Retirement Group**

Senior Application Infrastructure Engineer June 2023 – Present (Contract)

Supporting the UK financial services group JUST focusing on segments of the UK retirement income market. Operating in a hybrid environment, with a mix of on-premises and Azure cloud hosted solutions.

Day to day productivity BAU and Project work, AD, Windows Server, W365 Device Management, Intune, Azure VM, Hyper-V, Certificate renewals and MoveIT SFTP automation tasks to 3rd party customers. SCCM security patching and application support.

Supporting the cloud platform team for the configuration of Azure Enterprise registrations and App registrations, Terraform , SharePoint and Power automate workflows support. Mimecast and M365 configuration and support.

Planning and leading technical implementations of projects to accurately assess effort and cost involved to assess business requirements for Project work and integration into the existing environments

Daily use of Service Now for support case and change request approvals. Azure Devops boards for predefined work item tracking features, user stories, bugs, and tasks.

**Sopra Steria Group (SC)**

Senior Infrastructure Engineer April 2022 – June 2023 (Contract)

Working alongside the Magnox nuclear decommissioning authority as a senior consultant. Responsible for administration and management of multiple hybrid online platforms and middleware technologies. Involved with project related activities and engaging in pre-sales activities to scope out potential solutions. Developing detailed Architectural solutions, documenting low level designs to enable the implementation of solutions. Conduct assessments of existing IT infrastructures and develop migration strategies to transition on-premises systems to Microsoft 365.

**Achievements:**

Provided technical expertise and guidance to project teams. Assisted with solution architecture, implementation planning, and deployment, **s**upporting the Azure Migration from a cloud hosted data Centre into Azure. Initial tasks were the Azure discovery of 300 servers ranging from Windows 2008 – 2022 and RHEL & Ubuntu using the Azure discovery and assessment tool to report on assessments and sizing requirements costing information. Subscription, Management Groups, Resource Groups, Key Vaults, NSG’s, Recovery services Groups and Backup Policy configuration. Azure networking, Firewall and Load balancers. Azure Migration tasks migrating application, web and database servers, configuration, and testing before handover to product owners.

Design and Integration of the Cofense PhishMe solution into the environment. Planning and implementation and packaging of the Reporter Button, Vision, PDC and Triage. Documenting LLD Architectural design detailed solutions and build instructions to enable the implementation of the solution.

Planning and leading technical implementations of projects to accurately assess effort and cost involved with implementation. Ability to assess business requirements, translate them into technical solutions, and provide strategic guidance to stakeholders. Create and maintain comprehensive build configuration, server documentation LLD designs. Following standard project processes and procedures to produce documentation to be used in proposals. Responsible for automation and innovation.

Ability to develop, support and report O365 and other Middleware technologies via PowerShell.

Stay up to date with the latest Microsoft 365 features, updates, and industry trends, providing recommendations for continuous improvement. Accurately assesses time to complete tasks to ensure operational and user procedures, Providing 4th line BAU technical support and training.

**DXC Technology (SC)**

Senior Infrastructure Engineer (MOD) OCT 2016 – March 2022 (Contract)

Delivering new capabilities to a high-profile MOD and civil engineering consortium end user. Working from the initial concept through requirements validation to design production and delivery. Involved with the use of best practices for a secure accredited Official Sensitive network and liaison with all customer and project levels both internal and external.

**Achievements:**

Supporting the Technical Design Authority in the cloud functionality development and integration of the Microsoft Office, Exchange and SharePoint 365 Hybrid installation for a secure MOD customer up to a classification of O-S. Initial IOC for 500 users to expand to 5000+ users.

Provisioning of on-prem and Azure VM’s for Windows and Linux, Azure Active Directory federation and Conditional access-policy creation, O365 security best practices lockdown (ORCA reporting). PowerShell advanced administration tasks using O365 modules, data gathering scripts. Windows server 2016/19 and Windows 10 build image creation (Laptops & Workstations), including the application software. Exchange Admin Centre mail flow rules and connector configuration.

GPO and port device lockdown (Ivanti) and server hardening. Device security patching and regression testing. Cisco site to site IPsec VPN tunnel configuration. FortiSIEM event log collection and reporting, Fortinet content security tracking of email messaging and web filtering and Firewall endpoint protection.

Delivered the ArcSight (SIEM) software upgrade solution to the end customer. This involved migration of the obsolescent hardware to a new Microsoft Azure infrastructure. Creating the new environment running RHEL and Windows Server 2016 operating systems. Packaging of the ArcSight software Connectors and deployment using ITCM software packaging. Migration of data and importing into the new environment. I planned migration tasks and managed parallel systems until cut over dates.

Migration planning and Transitional review requirements, Work Product Reviews, Quality Checking and Bid Proposals. Structured development release processes, Security concepts and technologies, E2E HLD and LLD technical documentation and user guides. Security concepts and technologies. Virtual Infrastructure and Datacentre projects. Incident, Problem & Change Management control. Customer & Vendor relationship management. BAU support & Project delivery.

**Hewlett Packard Enterprise Services (SC)**

HPE Senior Infrastructure Engineer (MOD) OCT 2014 – September 2016 (23 month Contract)

Supporting and integrating the MOD with ongoing maintenance of the secure messaging system and the backbone Infrastructure, delivering services to users worldwide.

**Achievements:**

Lead engineer working with the Technical Design Authority to implement a W2K12 Domain Controller and exchange 2016 upgrade including the migration of servers from physical to virtual. Creation of installation documentation, support documentation and planning migrations, security lockdown and GPO design and implementation.

High Grade Secure Bolden James gateway messaging delivered using a PKI HSM cryptographic key management and key exchange solution for sensitive email collaboration. ADAM instance support and directory maintenance import of LDIFDE files. Testing life cycle of configuration changes through the development and integration reference rigs for FAT sign off. Installation into the live environment at customer sites throughout the UK.

**Fujitsu UK (SC)**

DII Integration Engineer (MOD) Nov 2012 – August 2014 (22 month Contract)

Integration engineering support on large, complex, multi-platform systems. This involved the installation and maintenance of high availability systems using Veritas and windows clustering for multi-platform MOD DII environments.

**Achievements:**

Installation of software and applications releases, building the systems to developer’s package specifications for SharePoint, Meridio and Automony Search. Packages deployed using Radia software delivery.

Supporting the Test engineers and testing phase, implementing test plans and scripts; installing, operating, and troubleshooting test tools and software as Mercury Test Director and Borland StarTeam. Raising Defects, Defect Analysis, Defect Resolution.

Build and configuration from the ground up of Windows based systems including MOSS, Meridio, Autonomy Idol, K2, MS Lync, Exchange implementations for MOD secure systems and assessing technical impact of the changes.

**Accenture PLC**

Infrastructure & Integration Engineer Feb 2008 – Nov 2012

Infrastructure Integration Engineer working in a large scale, high paced, Wintel multi-site environment, consisting of 4000 plus Windows 2003 and 2008 servers and over 300 SQL Database clusters.

**Achievements:**

BAU support and value-added project delivery to a diverse range of front & back Office clients. Using SCCM 2007 to build and image physical servers and for patch and hot fix updates. Global support of Active Directory domains. Including adding Domain Controllers for new sites, Windows 2003 to 2008 R2 schema updates and migrations, creating new sites and subnets within Active Directory.

NetApp & EMC Storage configuration of snap drive & Power path, Lun presentation to Wintel servers.

Network configuration of Cisco routers firewalls and ports, Vlan configuration for web and Application servers.

Data centre Power management. Racking and cabling and decommissioning of servers, IBM scaling and HP ProLiant and HP Blade System. Server data connection cabling, collecting Switch details, general hardware maintenance and firmware updates. Exiting planning and migrating from one data centre to another.

**Electronic Data Systems Stockley Park**

Infrastructure Technical server Support for a Web Hosting environment Oct 2001 – Feb 2008

**Specialist Computer Holdings**

2nd line support British Airways Airside and Landside operations May 1996 – Sep2001

**Hobbies:** Swimming, football, mountain biking, playing drums, reading and gardening.