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|  | Statement |  |
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I am an enthusiastic and driven IT professional with over 12 years of commercial experience and have a passion for delivering core improvements to assist in company growth. I have a varied background in IT and have formed my career on knowing many different products and languages rather than being a specialist in a particular field.

I perform at my best when faced with difficult challenges which involve thinking outside the box. It is in these situations where I utilise my varied knowledge to tackle these challenges from an educated perspective.

I pride myself on my “can do” attitude and taking ownership and responsibility of issues and problems that are presented to me. Working under pressure is a normal trait for anyone working in the IT industry, however I take this one step further and remain calm and collective to motivate other members of the team, whilst still achieving the best results.

My latest focus has been with automating processes utilising tools such as TFS / Azure DevOps and PowerShell.

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|  | Key Skills and Technical Experience |  |
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| * Azure | * PowerShell Scripting & Automation | * Az CLI / Azure PowerShell |
| * Active Directory, Group Policy, DNS, DHCP | * Microsoft Failover Cluster | * TFS / Azure DevOps |
| * Microsoft SQL Server | * Office 365 / Exchange Online | * Web Programming |
| * C# | * Microsoft Exchange Server | * LogicMonitor |

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|  | Key Projects and Achievements |  |
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**Successful implementation of a secure segregated Azure environment for customers**: With Schneider Electric, myself and three other members of the team were tasked with designing and scripting an Azure infrastructure that conforms to our strict security standards, as well as added regional benefits to our global customers. Utilising Azure DevOps with IaC, including CLI, Azure PowerShell and ARM templates, we could successfully create an entire infrastructure within an hour, not weeks. Customer environment deployments went from hours to minutes.

**Redesign and Development of Client Website**: With Simpli Media, my private company, I was approached by The Apprentice 2017 winner Sarah Lynn from Sweets in the City to design and create a new website to showcase their new values. A design was built from the ground up, and the new website was released on an NGiNX platform prior to the final, which brought in 120,000 active users.

**Exchange to Office 365 Migration**: To move towards an Operating Expenditure model, I planned and migrated our on-premise Exchange server to Office 365 via a staged migration. This was for approximately 50 users and involved little to no downtime.

**Azure AD Migration**: With an ever-expanding remote workforce, a resilient way of authenticating users was required. I migrated all of our local users to Azure AD to assist these remote users, which were then synced back to our local AD server.

**Secure Firewall**: With an imminent provision of a leased line, I was tasked with sourcing, configuring and implementing a secure firewall solution. After comparing multiple products, I selected a WatchGuard NGFW, which was capable of not only the throughput we required but was secure enough to assist in our VPN policies for remote access and packet analysis. I operated a block-all approach, where users requested access to remote resources on a time-based period.

**Development of Ticketing and Error Reporting System**: Due to staff operating in a call-centre fashion, I was tasked with creating a ticketing and error-reporting platform which users could call upon with relative ease. Utilising UDP packet broadcasts, I was able to create a real-time cross-VPN system that staff could use whilst remaining on a call.

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|  | Interests |  |
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I enjoy DIY, roller-skating and cooking, and have been told that I put on a good BBQ. Me and my partner have also recently started cycling.

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|  | Employment History |  |
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| Schneider Electric / AVEVA Group PLC | Jun ’18 – present |

*DevOps Engineer*

AVEVA are known for their engineering software in use around the globe. My responsibilities as a DevOps engineer is to improve existing processes and automate where possible to reduce the time it took to provision customer environments. Among these tasks, we were also responsible for the next wave of technological enhancements.

*Key Achievements and Responsibilities*

* Planned a secure segregated Azure environment utilising Az CLI, PowerShell and ARM to transition customers onto.
* Assisted in further automating manual processes.

In this role, I have worked with the following technologies:

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| PowerShell / Az CLI | Windows Server 2016+ | Desired State Configuration |
| TFS / Azure DevOps Server / GIT | Azure | SQL Server 2014+ |
| Microsoft Failover Cluster | SAN / Storage Spaces Direct | LogicMonitor |

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| Simpli Media Ltd | Dec ’16 – June ‘18 |

*Managing Director*

Simpli Media was a digital IT consultancy and media agency I founded responsible IT projects, business design, development and branding. Most notably, I was responsible for designing and developing the new website for Sweets in the City, the winner of The Apprentice 2017.

In this role, I have worked with the following technologies:

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| CentOS | Adobe InDesign | NGiNX |
| MariaDB / MySQL | Office 365 (Exchange, SharePoint, OneDrive) | Adobe Photoshop |
| Adobe Illustrator |  |  |

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| Risk-X LLP | Jul ’15 - Dec ‘16 |

*IT Manager*

Risk-X are a Cambridge-based digital security company who are responsible for advisory, audit, forensics and incident response. With extremely high-profile clients, Risk-X are called upon for anything from security advice via audit, to investigating a breach in security.

As the IT Manager, I was responsible for creating a highly secure network to allow the forensic investigators and remote staff to perform their roles at the best of their abilities. Not only was I responsible for the corporate and air-gapped network, I was also tasked with general BAU, as well as other project work to improve the core infrastructure and running of the business.

#### Key Achievements and Responsibilities

* Converged the traditional server setup from standalone servers to a Hyper-V based virtualised environment for failover protection and increased uptime.
* Provisioned a fibre leased line with a secure WatchGuard NGFW for deep packet analysis, strict policies and IPSec & SSL VPN.
* Implementation of a cloud-based VoIP system to benefit remote workers and branch offices.
* Responsible for the annual budget of the infrastructure.
* Transitioned our reliance on a sister company to our own technical infrastructure, including a migration to Office 365 and Azure AD.

In this role, I have worked with the following technologies:

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| --- | --- | --- |
| Windows Server 2012+ | SQL Server 2008+ | C# |
| WatchGuard NGFW | CentOS | Ubuntu |
| Hyper-V Core | Office 365 (Exchange, SharePoint, OneDrive, Yammer) | Azure |
| PowerShell | IPSec & SSL VPN | Structured Cabling |

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| Dixon International Group Ltd | Aug ’14 - Jul ‘15 |

*IT Manager*

Dixon International Group are a parent of multiple building safety manufacturers. Their main business is the production of window and door seals which protect premises in the event of a fire.

As the IT Manager, I was responsible for core improvements to their dated infrastructure, and to provision increased connectivity in the form of a leased line and VoIP telephone system.

#### Key Achievements and Responsibilities

* Full management of the technical infrastructure.
* First level response to all faults and recoveries.
* Implementation of new leased line and VoIP telephone system.
* Re-wrote company websites for speed and SEO.
* Worked closely with charity subsidiary (The Mountain Trust)

In this role, I have worked with the following technologies:

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| --- | --- | --- |
| Windows Server 2008+ | SQL Server 2005+ | C# |
| SonicWall NGFW | IPSec VPN | PowerShell |

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| Tristel Solutions Ltd | Mar ’12 - Aug ‘14 |

*IT Manager*

Tristel are a manufacturer of infection, contamination and hygiene control products for use mainly by the NHS.

As the IT Manager for Tristel, I was responsible for everything from end-user support, through to server configuration and commissioning. I also assisted in the programming of a product (Trio Trace) running on an Arduino chip. With the implementation of a central storage repository utilising a Synology NAS device, I also installed an IP CCTV network to use the additional capabilities of the device.

#### Key Achievements and Responsibilities

* Full management of technical infrastructure.
* First level response to all faults and recoveries.
* Migration from SBS to Windows Server 2012 R2 due to licensing infringements.
* Migration from Exchange 2007 to Exchange 2013.
* Installed IP CCTV network utilising VLAN to segregate and secure this traffic.
* Implemented a Synology NAS device to centralise network storage, as well as form the hub for the IP CCTV network.
* Co-wrote the programming used on the Trio Trace product.

In this role, I have worked with the following technologies:

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| --- | --- | --- |
| Windows Server 2008+ | SQL Server 2008+ | Exchange 2007+ |
| IPSec VPN | C# | Synology NAS |
| IP CCTV | Structured Cabling | VLAN |

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| DigiBee Ltd | Mar ’07 - Feb ‘12 |

*IT Engineer*

DigiBee / PolicyBee are an insurance broker focussing on business insurance. Their main focus is on employment liability and professional indemnity insurance.

As the IT Engineer, my task was to manage all hardware and software for the company, as well as monitor our separate disaster recovery site. I was responsible for creating site-to-site replication between our primary and secondary site to ensure that no data loss occurred. In this role, I also developed a ticketing and error reporting system for greater management of technical support issues.

#### Key Achievements and Responsibilities

* Full implementation and management of disaster recovery and business continuity policy on a strict budget. This included a biannual soft-test and an annual real test.
* Responsibility of all IT equipment, responding to faults and recovery.
* Work in partnership with the CIO to budget and plan for future improvements.
* Designed and oversaw the implementation of an IT infrastructure for a newly-formed sister company based in Boston, MA.

In this role, I have worked with the following technologies:

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| --- | --- | --- |
| Windows Server 2008+ | SQL Server 2005+ | C# |
| L2TP VPN | Server Management (GPO, AD, DNS, DHCP) | WSUS |
| Hyper-V |  |  |