# Profile

A senior technical engineer with experience of leading and delivering projects to major corporate clients. A proven track record of developing scale solutions for security, access control, monitoring and domain management to ensure business compliance and resilience. 10 years’ experience working across sectors, specialising in banking, corporate finance and HR solutions with a need for exceptional levels of security combined with business-critical functionality.

# Career History

**Co-operative Group**, Manchester.

Active Directory/Identity Specialist (Contract 02/15 – Present)

Member of a bespoke AD team responsible for multiple complex Domains, housing users in excess of 50k. Core management tools included Quest Active Roles with unique scripts and applications developed in Powershell and C#.

* Designed, developed and delivered a web portal to collate reports, diagnostic data, account housekeeping results and Domain information to aid with audit and compliance requirements.
* Extracted and collated account lockout event log data to provide historical searchable records on the web portal to aid security investigations.
* Implemented server baseline controls to align with CIS standards and the Co-op Group Security standards via Group Policy controls.
* Remediated Access control issues after providing file system access audit reports and advised on appropriate share / NTFS permissions via AD groups.
* Key technical consultant for a Domain separation design in collaboration between IBM, Co-op Bank and Co-op Group Architects. Culminating in design expansion covering 5 core Domains within IBM Data Centre’s, the aim of severing network links leaving 2 sets of Domains on isolated networks.
* Designed a parallel role-based access model to clarify the division between 3rd party management of systems within Active Directory.
* Designed and implemented a Domain/Forest cloning process to allow proof of concept testing in an isolated environment. The process included de-personalization of user accounts to facilitate the transfer to a 3rd party Data Centre.
* Assigned as the AD SME for numerous complex and diverse projects in addition to routine BAU activities

**Bank of America**, Chester.

Server Engineer BAU (Contract 10/14 – 12/14)

* 3rd line BAU support for Windows server estate.

**Barclays**, Radbroke Hall, Knutsford.

Security Consultant - Global Information Security (Contract 08/14 – 10/14)

* Consulting on the operating system build review as part of the CIGLs project, using mandatory security standards (tier3s) and security control documents (tier4s) completed by SMEs to define the process of recording all risks born out of noncompliance.
* Systems under review included Windows server / desktop, Linux / Unix server versions, VMware ESXI / VSphere and some Network Device IOS.
* Reviewed security control documents with engineering teams to ensure mandatory standards and CIS best practices were adhered to pre-and post pentest of physical builds.
* Analyzed pentest reports to confirm findings before loading into RSAM and setting the risk levels.

**Co-operative Bank**, Manchester.

Technical Specialist – Active Directory Migration Project - Implementation (Contract 03/13 – 08/14)

* Primary AD SME providing overall support and guidance to all support teams.
* Systems administration using Quest toolset, Migration Manager, Active Roles and Recovery Manager.
* Reduced costs to the project by reengineering the migration process with bespoke applications and tools to automate the most time-consuming aspects.
* Application suite to automate user account migration written in C#.
* Workstation profile migration scripts and applications to create a seamless user experience.
* The extraction and reimporting of non-exportable Experian certificates.
* Post migration support team tools to managing unique issues in the environment.

**Bank of America**, Chester.

Server Engineer – ESM Remediation Project (Contract 09/12 – 02/13)

* Designed and developed Scripts to include a GUI and additional server checks for pre/post patching.
* Delivered Powershell Scripts to resolve ESM agent issues and re-install.
* Data collation from various sources including scripted extracts identifying servers missing from ESM.

**Co-operative Bank**, Leek.

Technical Specialist - Active Directory Migration Project - Design (Contract 03/12 – 08/12)

* Project migrating all user accounts to single Active Directory for Banking group.
* Configured ARS to match a security matrix, liaising with test teams providing rigorous testing to ensure the configuration matched a given matrix.
* Key resolver for defects raised by all test streams.

**Barclays, Radbroke Hall**, Knutsford.

Security Analyst Distributed Engineering Governance (Permanent 10/09 – 03/12)

* Constructed Tier4 security standards translating high-level Tier3 statements into technical specifications for VMware vSphere 4, Active Directory, and Windows.
* Managed Quest Intrust Event log management system, resulting in re-design and implementation of new systems providing more stability, flexibility and growth potential. Eventual systems spanned over 200 Domains and 20,000 servers globally.
* Re-engineered team virtual test lab environment, initially using Ubuntu, VirtualBox and DRBD TCP/IP mirroring and later changing to a vSphere cluster with ISCSI and deduplication.

**Mercer Human Resource Consulting**, Liverpool.

Technical Specialist for Windows & Linux (Permanent 05/03 – 10/09)

Linux 3rd line Operational Support and Project Implementation (2007 – 2009)

Global Active Directory Team Lead (2005 - 2007)

Windows Technical Specialist AD SME (2003 – 2005)

**EDS**, Lytham St Annes.

Backup & Restore Team Analyst (Contract 10/02 – 01/03)

**Crown Castle UK Ltd**, Warwickshire / Altrincham.

3rd Line Support Team Leader – (09/99 – 08/02)

# Qualifications

MS Identity with Windows Server 2016 (70-742) 2019

Offensive Security Certified Professional OSCP 2015

ISC(2) CISSP in good standing since 2011

Microsoft Certified IT Professional (MCITP) Microsoft Windows 2008 2010

Microsoft Certified Systems Engineer (MCSE) Microsoft Windows 2003,2000, NT4 1999-2004

Cisco CCNA 2012

EC-Council CHFI Computer Hacking Forensics Investigator 2011

EC-Council ECSA EC-Council Certified Security Analyst 2010

EC-Council CEH Certified Ethical Hacker 2010

VMware VCP VSphere 4 Certification 2011

RHCT Red Hat Certified Technician 2008

ITIL Foundation (Green Badge) 2005

Apple Certified Associate – MAC Integration 10.6 2011

Novell Netware 4 CNA 1997

Qualified as an Electrician 1989

# Training Courses

Offensive Security Certified Professional Course (Self Study) 2014

EC-Council Computer Hacking Forensics Investigator 2011

Microsoft Forensics Workshop 3 days 2011

VMware VSphere 4 Install Configure Manage Course 2011

Citrix XenApp 5 for Windows 2003 Administration Course 2011

EC-Council Certified Ethical Hacker course & Certification 2010

RedHat Enterprise Linux 5 Certified Technician Couse 2008

VMware 3.5 Fastrack course 2008

ITIL Foundation Course 2005

Training and Delivery Course Part1 Certificate (Train the trainer) 2001

Veritas Netbackup for Administrators course 1998