# Personal profile

Current SC level clearance. I have worked in the IT industry for more than 35 years in a mix of Unix, Windows and storage technologies. I come from a DevOps Cloud platform engineer and Linux engineer and scripting background. Building CICD pipelines using Open Source DevOps tools and AWS cloud based technology. I am AWS certified.

# Technical experience

* AWS CERTIFIED
* EC2 AMI,AWS CLI
* CI/CD Codepipeline
* S3,ELB,EBS,ECS AMI Snapshot,EFS,Lambda
* Cloudwatch,Cloudformation monitoring,auditing,AWS Xray
* AWS networking services VPC DC, Route53, NACL
* IAM roles and Policies, SG
* Database DynamoDB
* Git, Maven, Jenkins,Docker, Kubernetes, Ansible, Chef,Terraform, Packer,Puppet,Vault
* **OS**: (Linux RHEL, AIX, CentOS, HP-UX,abuntu)
* **Scripting language**: bash,korn,bourne,perl,ruby,PHP,ASP,SQL,JSON,YAM,Python
* **Storage**: NetApp HP SAN /EMC,IBM V7000
* **Middleware and provisioning**: VMWare - VSphere,Weblogic, HPSA
* **Database**: Oracle,DB2,MS SQL Server, Sybase
* Database administration covering areas such as data migration, distributed database management

August 2018 – current **[DWP] UC Dataworks,**

AWS Devops Cloud platform engineer

As part of the UC Working Age Digital | Universal Credit Data Works Project.

Transitioning open source tooling into AWS and developing and maintaing the CI/CD pipelines.

Concourse pipeline,Cloudformation Stack, Docker Containerization, Terraform, GIitHub, IntelliJ, AWS, Lambda, Cloud trail monitoring, Slack, ECS,API’s, Apache Kafka, Hive,Hbase,Hadoop,IAM, S3

August 17th 2015 – 30th March 2018 **[Wesleyan Bank]** Colmore Circus, Queensway Birmingham B4 6AR

AWS DevOps Cloud Devops engineer

My role at the Wesleyan Bank was working as part of the development team. Developing and supporting the testing of code through Continuous integration and Continuous deployment of software releases using tools such as Git,Jenkins, Selenium,Maven,Docker codedeploy,Ansible,Puppet,Cloudformation,Terraform.Packer. Orchestration to manage container clusters and redundancy using Kubernetes .Lambda functions through API gateway calls for serverless microservices. (Amazon ECS) was used to coordinate container deployments to multi container (Docker) environments. Analyze and debug applications using AWS Xray. Cloudtrail for API monitoring. Hashicorp vault for centralized security.

May 2014 – August 2015 **[Barclays Bank] Turing House, Radbroke,Knutsford WA16 9EU**

AWS DevOps engineer| Global Technology Infrastructure and Services

Apache Marathon,Mesos,Zolatn

AWS Cloud based Infrastructure and Services

EC2 AMI,Terraform to manage and provision the infrastructure,

CI/CD Pipeline,Elastic beanstalk,Elastic Load Balancing,AMQ

S3 storage,EBS storage volumes.

Cloudwatch monitoring,AWS Xray debug

AWS networking services VPC,DC,Route53,IAM

Database DynamoDB.

Git,Jenkins,Docker,Ansible

April 14th 2013 – April 11th 2014 [**Lloyds Bank] Emerald House London SE1**

Position: Linux/AIX Systems Administrator AIX/Linux Red Hat Provisioning / Builds / Design / Decommissions HPSA Automation AIX & Linux builds. Retro fit and post build configuration. Creation of RAC Oracle 4x4 cross-site Data guard replication builds.

June 6th 2011 – March 31st 2013 **[IBM] CLS Bank North Harbour, Portsmouth**

Position: Linux/AIX/HP-UX Systems Administrator AIX Provisioning / Migration / Design / Decommissions Provisioning HA system failovers on a daily basis, VIOS security hardening on all VIOS in the estate. Automating health checks via Shell & Perl scripting. Working daily incident tickets i.e. capacity/memory/CPU issues logged by Tivoli. LPAR builds, system upgrades, forming part of the out of hours support rota team. p5 – P6 – P7

April 13th 2009 – May 13th 2011 **[IBM] GRB Technology, Barclays Bank**

Position: Linux/AIX Infrastructure Specialist AIX Provisioning / Migration / Design / Decommissions Converting Dedicated P5 servers to p5 and p6 Virtual Solutions, from Design, to Build and decommissioning, complete E2E. p5 and p6-MMA – p550 and p570 - AIX 5.3 – AIX 6.1 – HMC 7 – DUAL VIOS – SEA – HACMP – LVM - CSM – NIM – HDLM - GPFS – MPIO – IVE.

April 14th 2008 – April 10th 2009 **BAE Systems, Aerospace**

Position: Linux Systems Administrator UNIX systems development to meet management and field-warehouse information needs. Design and implement middle tier application systems at company’s regional technical centres. Train aircraft engineer staff on use of new applications. System server builds, disk builds, administration and support of overnight scheduled tasks, script writing, disaster recovery, out of hours 3rd line support IBM Network Installation Manager Configuration Virtual I/O Server Builds, High Availability Cluster Multi Processing builds SAN Storage Connectivity, Tivoli Monitoring Agent Configuration LPAR build and configuration (including virtual Ethernet, virtual SCSI, multi-path I/O).VIO server build and configuration. Build and maintain instances of the AIX operating system.

May 28th 2007 – April 9th 2008 **Atos Origin, Midlands, (MOJ) Ministry of justice Birmingham**

Position: Linux/ and True64 Systems Administrator Supporting 77 crown and county courts throughout the UK Using both legacy and current Unix servers Responsible for building LPARs, standard workloads and delivering UNIX project changes within their infrastructure. The key skills: AIX 5L TWS (Tivoli Workload Scheduler) TSM (Tivoli Storage Manager) HACMP, VIO, TCP/IP KSH/Perl Scripting Problem diagnosis Performance tuning SNA (Systems Network Architecture) HPUX 10,11 environments to p570 LPAR environment utilizing EMC storage. Continued support of legacy Tru64.

Feb 20th 2006 – May 25th 2007 **EDS Government Buildings (DWP) Lytham St Annes**

Position: Capacity Management Programming/Development and Database support of the governments (JSP) Job Centre Plus and Department for Work and Pensions (DWP) estate Consisting of LinuxSolaris Unix servers, Various MS servers Responsible for the execution and compliance of the Capacity/Availability Process across the IT support Organization. Also responsible for optimizing the capability of IT infrastructure, services and support organizations to deliver cost effective and continued levels of availability.

July 2005 – Feb 2006 **BT C&SI, Peel Park, Lancashire (DWP)**

Position: UNIX Systems Team Leader Telecoms and Communications IT solutions Team Leader for 5 DBA’s and 2 Unix AIX systems administrators Overseeing the full project life cycle through to release ensuring availability and redundancy of all AIX/SOLARIS UNIX servers and supporting the main government application SSIS (Syntegra Strategic Information System )

January 1997 – July 2005 **Boeing, BAE Systems, Warton, Preston**

Position: AIX Systems administrator/Configuration Management Government Defence and Aerospace Systems Working as part of the NIMROD MRA4 (TCS) Tactical Command Software and integration team, providing support to ensure system availability and performance to around 200 Boeing software developers and integration team Systems: Unix AIX/Solaris, TrU64, VAX VMS

September 1991 – Jan 1997 **BAE Systems, Woodford, Manchester**

Position: Senior Systems Administrator Government Defence and Aerospace Systems Working for Flight Test, providing support and administration of Unix Solaris systems Systems: VAX VMS

June 1989 – September 1991 **JP Morgan Guaranty, Angel Court, City, London**

Position: Systems Administrator Prestigious American Securities and financial investment banking. Supporting FX front and back office systems Capturing and analyzing system metric performance data. report writing, system backups

August 1982 – June 1989 **Baring Bros, Bishops Gate, City, London**

Position: Systems Administrator Prestigious financial investment banking. Programmed management-reporting systems for dealing rooms Served as liaison between system users and technical support group Automation of manual procedures by writing menu systems AIX 5L System Administration I: Administration AIX 5L System Administration II: Problem Determination AIX 5L Systems Administration III: Performance Management PSeries Logical Partitioning for AIX5L HACMP Systems Administration 1 AIX

**Courses**

Network Security and Firewalls (IP14) Microsoft Certification Courses Cert no: 2277c/2276c Windows Server 2003 Implementing network infrastructure Cert no: 2278b/2830a Windows Server 2003 Planning maintaining network security Cert no: 2273 Windows Server 2003 Managing and maintaining network security ITIL Process Suite(IPS)

**Education** Church Road Secondary School, Thornton-Cleveleys, Lancashire