**CURRICULUM VITAE**

**NAME**: CHRIS ADEROGBA

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# WORK EXPERIENCE

April 18 – present VODAFONE, 1 Kingdom St, Paddington, London W2 6BY

**Job Title** – Cloud Engineer

**Skills** – AWS, GCP, Terraform, Cloudformation, Ansible, Codecommit, Cloud9, EC2, S3, VPC, OpenVPN,AWS Glue, ETL, Docker, Kubernettes, Bigdata, Cloudera, Bluedata, Hadoop, MapReduce, Hive, Impala, Cassandra, Kafka, Spark, Python, Bash, Jenkins

* Migrating linux and windows workloads to AWS
* Design and installation of launchpad data scientists training infrastructure on AWS
* Sysadmin for linux and windows systems. Bastion servers and NAT
* CI/CD pipelines for cloud and on-premises using Jenkins
* Hadoop, Kafka and other Bigdata toolset installation and administration
* AWS VPC, VPN architecture design
* Containerisation for Docker and Kubernettes
* Lambda implementation for autoscaling
* AWS Security design and implementation. Network administration.

October 17 – Feb 18 SCOR, 5 Avenue Kléber, 75795 Paris, France

**Job Title** – Devops Architect/Engineer

**Skills** – AWS, Swarm, Docker, Kubernetes, Azure, ELK, TFS, Chef

* Reconciliation of Business & IT vision, and good integration in IT development & production processes (including maintainability, strengthens/robustness, scalability)
* Analysis of the IT requirement for the migration project and contribution to solution architecture (including documentation)
* Identifying possible impact & critical issues on Production of the Development environments, and worked on resolutions or workaround (including organizational aspects)
* Organizing the maintenance between IT & business (redirection of detected issues to the right stakeholders and follow the resolution)
* Developing, implementing and managing AWS Infrastructure
* Architected plans for both on-premises migrations AWS and Azure
* Creating and managing environments with Chef server and Knife. Organizing resources with recipes. Templating for multi-stage development parameterization. Using kitchen to test cookbook data across platforms and test suites.
* Encrypting Data bags.  Managing sticky sessions and NAT for frontend connections through the Load Balancer. Setup Load balancer to allow clusters to be managed by chef-client and Chef Server
* Powershell DSC automation with Microsoft Azure
* Docker cluster orchestration with Swarm

April – October 2017 Financial Times, 1 Southwark Bridge, London SE1 9HL

**Job Title** – Devops Engineer

**Skills** – AWS, Docker, Heroku, Azure, Node, React, ELK, Chef, Jenkins, Python, Bash, EC2, S3, NoSQL, MySQL, SNS, SQS, RDS, IAM, Docker, Terraform, Chef, Ansible, CloudFormation, Jenkins, Nginx, Appache, Trello

**Primarily responsible for:**

* Automating and setting up cloud infrastructure such as AWS and Heroku with Terraform and Cloudformation templates
* Automation of linux servers(On premises, AWS cloud) using chef and terraform
* Accounts resources orchestration with Cloudformation
* Setting up Azure V-nets, DNS settings, security policies and routing tables
* Uploading Chef cookbooks and recipes. Syncing chef-repo with Git.
* With Chef, adding and managing nodes to organisation, managing run-lists with roles and Chefspec test of resources and recipes
* Successful replication of cloud resources(AWS and Heroku) using Terraform for multi-client reproduction of managed services
* Setting up an ELK stack along with ElasticSearch and Logstash
* Coding in Python, Node with lambda functions for data recovery and backups
* Creating and managing Docker containers and Kubernetes clusters
* CI/CD and release pipelines using Git, Circle CI and Jenkins
* Monitoring strategy and scripts for cloud infrastructure
* Setting up and maintaining Unit Testing, Integration testing for development Lifecyle

Nov 2016 – Mar 2017 LafargeHolcim, Albasanz 14, 28037 Madrid, Spain

**Job Title** – Devops Engineer

**Skills** – AWS, OpenStack, Docker, Kubernetes, Chef, Puppet, Scala, Kafka, Clojure, Spark, Hadoop, Big Data, Hortonworks, Jenkins, Packer, Mesos, Nagios, Graphite, Powershell, Python, Bash, EC2, S3, NoSQL, MySQL, SNS, SQS, RDS, MongoDB, ElastiCache, IAM, Terraform, CloudFormation, CodeCommit, Jenkins, Nginx, Appache, Elasticcache

**Primarily responsible for:**

* Large-scale web applications running on AWS
* Infrastructure provisioning and and deployment with Chef
* Successful migration of Linux and windows instances to AWS using Cloudformation templates.
* High availability and fault tolerance design
* VPC, VPN and VPC peering
* Data Recovery. Backup scripting
* Automated configuration, Puppet & Chef
* Implementing Microsoft Azure storage solutions and Active Directory
* AWS account auditing services
* CloudFormation and Terraform templates
* CodeCommit repository management. GitHub
* RDS instances and databases
* Automated backup with Packer. Lambda functions(Node.js and Python) for AMI, snapshot backups to multiple accounts
* MySQL DBA
* HTTP server technologies (e.g. REST, JSON, XML, etc)
* Server automation (e.g. Chef, Puppet, etc)
* Scripting (e.g. Bash, Ruby, etc)
* Containerization (e.g. Docker)
* Continuous Integration, Deployment and Delivery
* Logging (e.g. Logstash)
* Automated regression testing (e.g. Selenium, Rainforest, etc)

July 2016 – Oct 2016 Parfümerie Douglas GmbH, 50679 Köln, Germany

**Job Title** – Senior Devops Engineer

**Skills** – AWS, OpenStack, Docker, Kubernetes, Microservices Architecture, CI/CD, Jenkins, Artifactory, LAMP, ElasticSearch, Packer, Big Data, Spark, Kafka, Clojure, Python, Bash, Mesos, Nagios, Graphite, S3, NoSQL, MySQL, SNS, SQS, RDS, MongoDB, ElastiCache, IAM, CloudFormation, CodeCommit,

**Primarily responsible for:**

* Deploying and configuring services using infrastructure as a service provider (e.g., Amazon Web Services, Microsoft Azure, Google Compute Engine, RackSpace/OpenStack)
* Configuring and managing Linux-based servers to serve dynamic websites
* Debugging cluster-based computing architectures
* Using scripting or basic programming skills to solve problems
* Installation and management of open source monitoring tools
* Configuration management tools (e.g., Puppet, Chef, Ansible, Salt)
* Architecture for continuous integration and deployment, and continuous monitoring
* Containerization technologies (e.g., LXC, Docker, Rocket)

Oct 2015 – June 2016 Boise State University, Boise, Idaho, USA

**Job Title** – Senior Engineer/DevOps/AWS

**Skills** – Scala, Kafka, Clojure, Spark, Hadoop, Hortonworks, Big Data, Logstash, Riemann, Zookeeper, AWS, OpenStack, Docker, Rackspace, Node.js, Java, Vagrant, Splunk, Jenkins, Mesos, Nagios, Graphite, S3, NoSQL, MySQL, MongoDB, SQL Server,MS BI, SNS, SQS, RDS, MongoDB, ElastiCache, IAM, CloudFormation, Git, SVN

**Responsibilities** – Cloud and On-premises Infrastructure provisioning

* Creation of a hub VPC within AWS, that’s fault tolerant across AZs, providing shared DevOps services, including: Puppet master, Bastion server(s), RPM/artefact repository, Opsview slave(s), Dynatrace collector(s)
* POC of using the AWS Service Catalogue (and underlying CloudFormation) to provide a self-service portal where users can provision: Wordpress server/environment and C5 server/environment
* Creating rmp packages into correct rpm repository(internal or AWS) from code on Github and imports to internal SVN.
* Platform as a Service built for containerised applications and micro-service architectures. Built on largely Docker, Kubernetes, Terraform and leveraging multiple cloud platforms both public and private to deliver a consistent platform for continuously deploying applications
* Centralised Logging using rsyslog, Logsstash, Kibana
* Data analytics with clojure, reimann and monitoring.
* Capturing streaming of events using Spark, Kafka and Cassandra

June 2014 – Sept 2015 Swiss Re, Switzerland

**Job Title** – Infrastructure Engineer

**Skills** – Linux(RHEL), Java, C, Perl, Powershell, Openstack, Node.js, Javascript,Security, Azure, PaaS,SOA, Windows 2012, AWS, Puppet, Chef, Ruby, Ansible,Vagrant, Docker, Rackspace, Kubernetes, Splunk, Jenkins, Terraform, Route53, FluentID, Nagios, Graphite, S3, NoSQL, MySQL, MongoDB, SQL Server,MS BI, Python, Data Warehouse, Big Data, Cloudfront, SNS, SWF, SQS, RDS, DynamoDB, ElastiCache, IAM, CloudFormation, Git, SVN

**Responsibilities** – Infrastructure provisioning and automation

● Jenkins,Teamcity and Bamboo

● Vagrant, Docker and Microservices

● AWS services: EC2, CloudFormation, CloudFront, S3, Elastic Beanstalk, OpsWorks

● SOA and Governance

● Security Development lifecycle

● Network configuration: DNS names, load balancers, IP Addressing, Firewalls

● Configuration Management, Puppet

● Vulnerability Strategy and Scanning

● Automation, Continuous Integration and Continuous Delivery

● Autoscaling

● Virtualisation, VmWare, VirtualBox

● SQS, SNS

● NoSQL, MongoDB, MySQL

● Network configuration: TCP/IP, LDAP, DNS names, ipconfig and firewalls

● Datawarehouse Maintenance: SQL Server, SSAS, SSRS

● Git, GitHub, SVN management

● Monitoring services

**Projects**

**-** Planning and installation of Linux Servers on enterprise network

**-** Installation of Apache, Mail and DNS servers

**-** Firewall and SELinux configurations and remote logging

**-** CI & CD integration of Jenkins and GitHub

**-** Automating deployments on CloudFormation, Elastic Beanstalk and OpsWorks

**-** Programming infrastructure using CLI and AWS SDK, Ruby and Javascript objects

**-** Virtualization & Network installations

**-** Automated Configuration Management with Puppet, Chef and Docker

**-** Network Interfaces & DNS, DHCP and LDAP clients

**-** Routing Kerberos and DNS Server

**-** Securing systems with IAM and network and cloud user groups and VPC

**-** Storage of objects S3

Nov 12 – Feb 2014 Hewlett Packard, Switzerland

**Job Title** – Infrastructure and Solutions Architect

**Skills** – Linux(RHEL), LAMP, AWS, Java, SOA, Puppet, Docker, Powershell, Node.js, Restful, JavaScript, Xaml, knockout.js, Json, Cloudfront, SNS, SWF, SQS, RDS, DynamoDB, ElastiCache, IAM, CloudFormation, Windows Azure, Sql Azure, TomCat, Apache

**Responsibilities** – Lead Solutions Architecture, Design and Development of cross platform mobile BI solution for Sales Marketing Group

● Provides clear, continuous and consistent solution architecture leadership at a detailed level within the project.

● Ensure solutions are fit for purpose, meet the needs of business, the agreed requirements and supportive of the Divisional strategic architecture direction.

● Support the peer review and QA of project architectural artefacts. Report key architecture decisions and implications to the Group architectural governance forums.

● Continuous Integration and Continuous Delivery

● Reviews other systems designs to ensure selection of appropriate technology, efficient use of resources, and integration of multiple systems and technology.

● Contributes to policy for selection of architecture components. Evaluates and undertakes impact analysis on design options and assesses and manages associated risks.

● Ensures that system design balances functional, service quality and systems management requirements.

● AWS services: EC2, CloudFormation, CloudFront, S3, Elastic Beanstalk, OpsWorks

● SOA and Governance

● Security Development lifecycle

● Configuration Management, Puppet

● Vulnerability Strategy and Scanning

● Network configuration: Dns names, ip configs and firewalls

● Automation, Continuous Integration and Continuous Delivery

● Autoscaling

● SQS, SNS

**Project** – Build and Release Management

● Architecture and Design System

● Linux Administration

● Monitoring services

● Programming: Golang, Javascript, Node.js, Python and Perl

● Setup Development pipeline environments. TeamCity and Jenkins

● Develop for continuous integration using TFS

● Cloud Architecture: IaaS, Paas, SaaS, AWS, Azure

Dec 11 – Nov 12 Sporting Index Ltd**,** 8 Gateway House, Milverton Street, London SE11

**Job Title** – SENIOR SOFTWARE ENGINEER / LEAD ARCHITECT

**Skills** –C#, MVC4, MSMQ, Windows app, Android, Blackberry, IOS, SOA, Ajax, BDD, ASP.NET, HTML5, WCF,MVVM, PRISM , Agile Test Driven development(TDD),HTML/CSS, JavaScript, Nunit, Oracle, Web Services, RESTful, SOAP, XML, Subversion, nHibernate, Jquery

**Responsibilities** – Lead architecture, direct design, development and installation of products including maintenance and support using Agile methodology, DDD, BDD and SOA for Cloud services.

● designing & specifying medium scale enterprise software systems

● full software development lifecycle

● designing & modelling distributed n-tier development projects using both Data-centric and Object-centric architectures,

● Use of Rational Unified Process (RUP)

● Modelling with UML

● Rational Software Architect and CASE tools

● SOA principles, strategies and best practices.

**Project** – Mobile Accounts

● Objective-C, Android and Java to develop mobile accounts management

● UX/UI for different mobile devices(iphone, android,blackberry, ipad and PhoneGap)

● Testing in different browsers and mobile interfaces

● Content providers and SQl-lite as databases and storage in SD cards

● Mobile Apps design, development and publishing

**Project** – Credit Management System

● Development of online application with credit checks using WCF, MVC4 and C#

● Webservices development to pass data between databases

● Release planning strategy using Continuous Delivery principles

● Automated testing and deployment using Jenkins Build Server

**Project** – Statements Utility

● Development, design and delivery of Statements of account holders using C# and MVC3/4

● Entity framework and ORM

● REST services with jquery to transfer data between data sources

● Automated testing and deployment using Jenkins Build Server

**Project** – Real Time Messaging

● Architecture design principles and patterns using SOA for high transaction website using C# and Oracle 11g.

● BDD testing and Continuous Integration

● Customer bets and prices send and receive in message queues

● RabbitMQ installation and integration with Windows services as consumers and producers

Dec 10 – Nov 11 Chambers & Partners**,** 39-41 Parker Street, London WC2B 5PQ

**Job Title** – SENIOR DEVELOPER

**Skills** –C#, XAML, WPF, Silverlight, ASP.NET, WCF,MVVM, PRISM, Agile Test Driven development(TDD),HTML/CSS, JavaScript, Nunit SQL SERVER 2008 (SSIS/Reporting Services/Analysis Services), Web Services, RESTful, SOAP, XML, Expression Blend 4, Subversion, Cruise Control, nHibernate, Jquery, Lucene and AJAX

**Project** – Carbon Credits Asset Manager

● Architecture for Desktop(WPF) and OOB(Silverlight) using PRISM 4

● Dependency Injection/Ioc using MEF

● MVVM for multiple screens and multiple threaded solution for Rich Internet Application (RIA)

● Project Management for Carbon Credit Assets

● Risk Analysis for trade advisory with use of predefined mathematical algorithms

● Security and Data access using WCF and Entity Framework

**Project** – Accounting Management System

● Design and development of Invoicing tool with MVVM pattern

● Creating Graphs and Charts for Business Intelligence systems

● Business Logic for Predictive Analysis

● Displaying large amounts of data in UI controls

● Use of multiple threads technique to solve large dataset problems

● Designing two-threaded solution to improve performance

● Converting complex mathematical data into interactive charts using Storyboards and Visual State Manager (VSM).

● Integrating solution with Azure

● Using PivotViewer components and Architecture to display visual business data

● Silverlight out of browser(OOB) standalone WYSIWYG RIA editor

● Human Resources design and development using UML and Design patterns

● WCF RIA transfer of objects between n-tier application domains.

● SOAP, Webservices and Multithreading

● Security for different user levels of permissions

**Project** – Content Management System

● Create Unit Tests, Component and Integration Tests for business requirements

● Design of Architecture for development and build processes

● Coding and implementation of html editor

● Template design and development

● Sql Server 2008 Database design and integration for data layer

● Tree Menu using XAML and XML with Sitemap extensions

● Email Unsubscription solution for subscribers

● Search development with use of Sql 2008, Json, JQuery and Lucene

● Unit testing, Performance, Usability, UAT and Exploratory testing using Agile principles.

April 09 – November 10 **Eschol,** 29 Main Road, Romford, Essex RM1 3DD

**Job Title** – SENIOR DEVELOPER/TEAM LEADER,

**Skills** – C#, XAML, Silverlight, WPF, WCF,MVVM, PRISM, OO design patterns and Agile TDD Test Driven development Scrum or Agile XP/Agile Extreme, ASP.NET, HTML/CSS, JavaScript, Nunit SQL SERVER 2005 Web Services WCF, MVC, nHibernate, JQuery and AJAX

**Project** – Front and Back End web development

Oct 05 – Mar 09 **Hackney Homes Ltd,** 293 Mare Street, Hackney Homes Ltd, London E8 1EA

**Job Title** – LEAD DEVELOPER, .NET ARCHITECT

**Skills** – C#, ASP.NET, .NET 3.0/3.5 Architecture, MVC, AJAX, XHTML, SQL SERVER 2005, C#, HTML/CSS, JavaScript, SourceSafe and Web Services

**Project** – Leasehold cost allocation tool. N-tier solution to allocate cost of works to leaseholders of blocks within Hackney council

Feb 05 – September 05 **Contemi Consulting ltd,** Berkshire House, 252-256 Kings Road, Reading,

RG1 4HP

**Job Title** – SENIOR DEVELOPER

**Skills** – C#, ASP.NET, XML, XSLT, SQL SERVER 2000

**Project** – Insurance and financial software packages

August 04 – Nov 2004 **Islington Council,** 222 Upper Street, London N1 2UD

**Job Title** – SENIOR DEVELOPER

**Skills** – C#, ASP.NET, ASP, ONYX, SQL SERVER 2000

**Project** – Egovernment

January 04 – July 2004 **Portsmouth City Council,** Civic Offices, Guildhall Square, Portsmouth

Hants, PO1 2BG

**Job Title** – Lead Developer and Trainer

**Skills** – C#, ASP.NET, VB.NET, UML, VB6, DTS, XML, Crystal Reports, SqlServer 7/2000, Oracle 9i, stored procedures, html, Testing, software development life cycle

**Projects**

Training booking system and Internal Vacancies web based application using MSF (Microsoft Solutions Framework) methodology

Oct 03 – 19 Dec 03 **Kinexus Ltd,** **20 Dunvant Road, SN25 2AX, Oakhurst Swindon**

**Job Title –** Developer

**Skills** – ASP.NET,C# , DTS, IIS6, SqlServer 2000, stored procedures, Javascript, windows services and OOP

**Projects**

● Building objects for dynamic email campaigns and reports for statistics such as number and types of bounces, tracking of clicks and overall success.

August 02 – June 27 2003 **Louverture Trust Limited, The boilerworks,**

**Trinity Buouy Wharf** 64 Orchard Place, London E14 0JW

**Job Title –** Senior Developer

**Skills** –C#, ASP.NET, ASP, VB.NET, VB6, DTS, OLAP, Crystal Reports, SqlServer 7/2000, stored procedures, Javascript and Html

**Projects**

● Development of multi-tiered, distributed application with full project life cycle using RUP method as development process. The project consisted of data tier, business object and user interface. Data tier is SQL Server 2000, business objects using C#, Assemblies and Com. The user-interface is a web-based and windows application.

Jan 2000 – Oct 2001 **Cable & Wireless** Barnards Inn, 86 Fetter Lane London EC4A IER

Insurance Application: Used to insure mobile phone products e.g. Nokia 7650 Handset, SIM cards, Leather Cases etc.

**Job Title** – Developer

**Projects**

● Completed Insurance Application for our clients in Holland. Over 200,000

customers use the application.

June 98 - Dec 2000 **MCIWorldCom,** 14 Gray's Inn Road London WC1X 8HN

**Tools:** Html, ASP, SQL, Access, Vbscript, Dhtml, Javascript **Project:** Built web and windows application for London data Engineering using VB6.0 active server technology with IIS as server platform on an NT Server.

This involved an intranet site for the use of the LDE team to enter and retrieve information related to the department on a database using SQL queries.

### 1 EDUCATION:

1994 - 1996 SOUTHBANK UNIVERSITY, London

B.Eng(Hons)Computer and Information Engineering Degree

### 2 TECHNICAL SKILLS:

**Languages:**

● Go, Ruby, Python, Powershell, C#, Java, Perl, Javascript, Node.js,

● **Java and Android:** SQl-lite, html 5, jquery

● **Sql Server:** Experiences with Sql Server 2012/2014

● **Oracle 11g, NoSQL, MongoDB, RDS**

● Unified Modelling Language (UML)

● **Unix, Linux**

## 2 INTERESTS AND LEISURE

Watching movies and listening to music. Visiting friends and have strong interests in acquiring the knowledge of the latest technology applications over the internet e.g. E-commerce.

## 3 REFEREES

Presented on Request