**Curriculum Vitae**

**Osman Marks**

ossiemarks@gmail.com

Cardiff, South Wales

07950332486

**Summary**

Osman is a project consultant and technical engineer, willing to travel with a proven track record of delivering results. Previously he was working between Lisbon and Cardiff as a Support Engineer for Portugal Telecom, He has worked UAE's largest Telco Etisalat for 1.5 years, integrating a VOD solution. 1.5 Years at Frances largest Telco, managing and implementing a VOD Solution from start to completion. Osman has been involved in network troubleshooting and Mpeg-TS analysis and recording. Automation of Linux Builds and rapid spawning of environments using Oracle Virtualization technology. previously an infrastructure/integration engineer for an Oracle EBS Migration, responsible for the building and support of many complex development and production environments. Most roles for the last 8 years have involved an Oracle Database, Linux, Java and a web server. He can provision machines in a virtual environment using cobbler and puppet, Vagrant, Packer and Ansible and docker, I have been worked on AWS in a number of different roles. I have worked in AGILE development environments in close conjunction with development teams. His interests are also in areas of open source software’s such as Ubuntu Linux and Linux security. Capable of administering openshift based application stacks, with hands on experience deploying applications using ansible automation.

**Key Skills**

**Operating Systems:**

Linux, Ubuntu all Versions, Redhat 4,5,6,7 Solaris 10, Sun Cluster. OEL5 and OEL6,coreOS

**APP Servers**

APACHE, Tomcat. NodeJS, Unix ,JBOSS 4,5,6 installation & support

**Databases:**

Postgres DB, Oracle RAC, MySQL,REDIS, Oracle Virtualization, Oracle EBS 12, MongoDB, Cassandra

**General Skills**

Penetration Testing.

Java application support. Software QA, Java software testing.

Selenium Web Testing, Client side testing. GIT, SVN, AWS, docker, kubernetes, sonarqube, checkmarx, Gitlab, CircleCI

**Scripting Languages:**

BASH,RUBY,PERL, Puppet, Cobbler, Kickstart, Ansible, Puppet. Docker, Terraform

Set Top Box testing & troubleshooting.

**Protocols**

TCP/IP, RTSP, RTP, SIP, HTTP,SSL, PKI

**Broadcast Technologies:**

Harmonic Edge QAM, Scientific Atlanta Edge QAM, Arroyo Video Servers, Harmonic Video Servers

Lysis Content Management System, Amazon Web Services. Edgecast CDN Technology.

**Boeing Defence Jun – Present – Senior Devops**

Woking on developing new pipeline to deploy complex system onto OVM platform, using git, Gitlab, Docker, Ansible, Molecule and openshift. Steering the technical design and implementation of a fully automated OVS/RHEL build and deploy pipeline.

**Zeeta Networks Feb 2019 –March 2019- DevOps Engineer**

Senior Devops Engineer, Writing Declarative JenkinsFile, migrating from Oracle Cloud to GCP, dockerise applications, dockerise Jenkins build jobs, debug python applications. SSL certificate automation.

**Atradius Oct 2018 – Feb 2019 - DevOps Engineer**

Playing a key role in introducing Devops principles to the infrastructure team, automating and streamlining legacy infrastructure. Deploying Linux infrastructure using ansible, puppet, git and redhat satellite server.

**Nokia May 2018 - November 2018 - Senior DevOps Engineer**

Working on AWS, porting Golang applications to micro services, re-writing bash scripts to provision infrastructure and applications as a modular ansible play to support packerized vagrant machine as well as ec2 instances for local Dev and stage, test and production platforms. Optimizing the use of Terraform with AWS infrastructure deployment.

**Jan 2018 – May – Senior DevOps Engineer – CGI**

DevOps Engineer working for a CGI on the Ministry of Justice project. Kubernetes, Docker, Gitlab, Azure. Porting legacy applications to microservices in the cloud. Purely Azure based deployment for a government migration to azure secure cloud.

**April 2017 – December 2017 – Senior DevOps Engineer – Barclays**

Senior DevOps Engineer working for a financial organization, developing and implementing solutions on the openshift version 3 enterprise platform. Stash, Jira , ansible, docker, kubernetes, agile – Enabling developers to work in a CI/CD manner, developing new functionality on the pipeline and writing deployment configs for Kubernetes and Docker files.

**Jan 2017 - 4 Weeks Contract**

Working on Kubernetes, Google Compute Engine, helping automate the LUSH EPOS and website deployment. Build an ansible playbook to deploy jenkins into google compute engine and configure jenkins2 via the ansible play, using git-hooks and a JenkinsFile.

**June 2016 – September - DevOps Engineer – Contino**

fully automated development pipeline, open shift, kubernetes, jenkins, docker, JJB, YAML,JSON, Vagrant. Packer, Ansible1.9. GIT, Openshift - Templated and implemented TLS encryption for Openshift web services and ported Virtualbox machine to VMware. Administration of a full CI/CD pipeline using open shift origin as the Kubernetes scheduler.

**January 2016 – May 2016 - DevOps Engineer – DevOps Computing LTD**

Creating docker containers to prototype applications, using GIT, SNV, Java AWS. SSL Encryption and hardened docker containers. Large Scale government project.

**April 2015 – January 2016– Senior DevOps Engineer – BBC**

Senior DevOps Engineer supporting legacy analytics application comprised of Hadoop, MySql, RedHat, Vagrant, Perl, Jenkins and SVN, Supporting the analytics department using big data processing cluster using hadoop with map/reduce written in perl. Responsible for recording stats of all BBC radio/video consumption.

**November 2014 – April 2015 – Technical Services Analyst – Genologics**

Support LIMS ( a laboratory information management system ) in the area of genetic research, using AWS for hosted solutions and on premise hardware either physical or virtual. Linux O/S Oracle or Postgress DB, Jboss , Elastic Search and integration with specialist genomic sequencing appliances.

**September 2013 – November 2014 - Infrastructure Engineer - IBO - Contractor**

Currently Contracting at IBO.org building Oracle Financials on 11i and 12g using HP Proliant and Oracle Virtual Server. Oracle Virtualization, Kickstart Oracle Unbreakable Linux. Automation of builds, OEL, RHEL, OVM, HP Blade, Juniper, RHEL6, CHROOT, IPTABLES, Vmware, Securing OEL Servers. Oracle EBS Financials. Responsible for the migration of the companies financial infrastructure from old hardware/software to new hardware/software in a datacenter migration.

**APRIL 2013 - September 2013 - Infrastructure Engineer - CISCO - Contractor**

Working for CISCO on the cutting edge IPTV deployment. He built a IPTV project for CISCO/NDS, I He has configured an end 2 end DVB-IP Hybrid head end, with Encryption. Propriety systems, Harmonics, TS Analyzer, MPEG, DVB-SI,RHEL, Vmware. I built a replica of the GET TV head end comprising multiple technologies including cutting edge and legacy equipment.

**April 2012 - April 2013 - Infrastructure Engineer - IBO - Contractor**

Infrastructure Engineer at IBO.org , working with Active Directory, Netware, Linux, Kemp Load Balancers, Vsphere etc. Managing deployment of our JBOSS web services infrastructure, advising and steering the AWS application migration.Management of Linux infrastructure manually and via Redhat Satellite Server. Puppet, Raritan, Vmware, Bash, AWS cloud, NodeJs, Redis. Helped migrate the legacy ColdFusion student coursework solution to the cloud using the technologies listed above.

**April 2007 –** **May 2011 - Systems integration Engineer, Quative Ltd, (Nagravision) - Permanent**

**Osman's achievements for Nagra:**

Etisalat (Dubai based Telco) VOD Project – Full delivery and maintenance of the end to end solutions, Integration of a large scale VOD project comprising cisco 3750 switches, Oracle RAC 10G, Redhat Linux ES4, Harmonic Video servers and edge QAMS. Using JBOSS application server in conjunction with Tomcat running on a pure Linux environment, his role involved troubleshooting from the client side to the server side, troubleshooting from the network layer to the protocol layer based in Dubai. He documented the VOD solution that was delivered to the customer and trained his replacement in order to leave Dubai.

Numericable Project – Integration of a highly successful commercial VOD project using Scientific Atlanta edge QAM, Arroyo video server, Oracle RAC, JBOSS, Java. He performed the role of 24 hour support and on site troubleshooting based in Champs sur Marne in France.

Portugal Telecom Project – Integration of subscriber management solution and video streaming solution, based in Portugal.

T-Systems - Osman was a key player in the launching of a new service involving many new channels from a newly launched satellite.

Company Website : http://quative.tv

**Nov 2005 –** **March 2007 Customer Support Engineer \ Software QA Engineer, Ubiquity Ltd, Cardiff - Permanent**

Nokia Project – Integration testing of High availability Voip solution, using Linux Virtual Server, Redhat Linux, Java SIP servers, based in the UK supporting client in Italy

Nokia/Siemens Project – Integration of Sun server into customers network, Oracle, JBOSS and Java SIP server, based in Austria.

BT Project – Installation of Solaris based SIP voice conferencing solution into the BT infrastructure, based in the UK.

Company Website : http://ubiquitysoftware.com

**July 13 –** **Sept 13 2005 - 2nd and 3rd line Support - ITV Wales - Contractor**

Helpdesk admin for ITV, supporting users using all windows operating systems, using novel and active directory. Handle a high volume of calls and provide a high rate of first time fix.

**January 2005 –** **July13 2005 - Senior Helpdesk Analyst - LogicaCMG - Contractor**

1st and 2nd line support for the biggest LogicaCMG contract, responsible for the technical support on the Transport For London(TFL) support team. Security cleared by LogicaCMG to work and visit high security client sites.

Company Website : http://www.logica.com/

**March 2003 –** **January 2005 - Technician –** **Talk and Surf communications**

Sole Technician responsible for the workgroup, whilst under his supervision they did not experience any total outage, as his pre-emptive approach dealt with potential problems rather than manifest problems.

**February 2002 –** **March 2003 - Baymarine Industrial Services, Cardiff - Permanent**

Install and support network for marine based work agency, built MS access database to track clients and agents. Established web presence that generates business leads from worldwide sources.

Company Website : http://www.baymarineindsvcs.co.uk/

**Education**

2012 **ISEB Business Analysis**

2011 **ITIL v2 Certification**

2010 **CCNA**

2001 **U.W.I.C BUSINESS SCHOOL CARDIFF - HND Computing**

1999 **ITEC CARDIFF - NVQ Level 2 I.T.**

1998 **COLEG GLAN HAFREN CARDIFF –** **Psychology –** **Sociology –** **IT - History**

**Interests**

Keeping fit through a variety of exercise, I exercise daily. I also am interested in playing blues guitar and studying history. He is self-taught to converse at a basic level in Arabic.