KOLDO OTEO ORELLANA

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Address: 112 Caledon road, Dublin 3, Dublin (Ireland) / *Nationality:* Spanish (EU Work permit)

SITE RELIABILITY ENGINEER PROFILE

Senior site reliability engineer with extensive (+15years) experience with Redhat / Linux/ Unix O.S, middleware, networking, scripting, performance and tuning. Ability to develop and maintain close working relationships with my team. Autodidact with great ability on resolution of complicated issues. Self-motivated team player who demonstrates **initiative** and **flexibility**.

TECHNICAL SKILLS

Systems: Redhat Enterprise Server, CentOS, Suse, Debian, Ubuntu, Solaris, Tru64, FreeBSD, LVM, KVM, etc…

Containers: OpenVZ, and docker (testing only)

Programming languages: Python, shell scripting (bash), previously with ruby.

Configuration management: Starting with ansible. Implementing into dev and pre-production environments.

Source control: Some git personal experience.

Monitoring: Nagios, icinga …

Webservers: Apache, nginx, etc…

Middleware: WebLogic, Oracle Application Server, Jboss, Tomcat.

Performance-tuning: Big experience on middleware tuning, eclipse mat, samurai, visualvm, jconsole.

Databases: Oracle database and mysql, not as a DBA, mongodb, redis,.

Networking: iptables, firewalld, fw1, openbsd pf, tcpdump, wireshark, F5, radware, bind…

LDAP: Oracle internet directory, Openldap, Sun One, IBM secureway.

Languages: English, Portuguese, Spanish (native)

WORK EXPERIENCE

Site reliability Engineer in ServiceNow Dublin (EMEA)
August 2018 – present

- Analysing and automating responses to key performance metrics, logs, and alerts.
- Working in shifts and interacting with other co-workers from other regions (U.S, AUSTRALIA)
- Monitoring of performance/availability in systems, applications and networks.
- Improvement of the monitoring and automations.
- We have a global view of the architecture: Linux servers, load balancers, MySQL, java application servers, etc…
- Using knowledge and experience in software development, application support, systems engineering and networking to proactively prevent issues from reoccurring.

Customer Data Engineer in the Team ObjectRocket at Rackspace U.K.
March 2018 – August 2018

Working on a containerized and a dedicated environment, offering databases as service for customers all over the world, with different shifts between U.K. and U.S.A.

Daily tasks:

- Administration of noSQL databases, like Mongodb, redis, elasticsearch + kibana
- Hadoop administration
- Ticketing management (with Zendesk and Jira)
- Monitoring Icinga/Prometheus
- Linux Redhat
- OpenVZ Containers management
- Issues analysis
- Resizing, compacting Instances.

Senior system/middleware administrator at Health Ministry of Madrid with Fujitsu.
Nov 2008 - February 2018

Working on a high-end environment at the health ministry of Madrid State, managing all the health centres and hospitals of the state, on a proactive team providing the very highest level of technical support and customer service. Administration of 3 data centres with +400 server´s. With on call 24 * 7.

Daily tasks:

- Monitoring and diagnosis of systems for optimal performance.
- Developed a python inventory tool: product versions, jdk, cpu's, memory, swap, disks, etc...
- Developed a rest API to get the inventory data (json) and save it to a mongodb.
- Developed python tool, to check webservices. It's in my github
- Here you could see some of the tools: tools.
- Installing and configuring servers with redhat enterprise server and LVM configuration.
- Creation of automation tools with Python, bash (alerts, mails, statistics, maintenance) and previously (ruby).
- Installation of 3 data centres from 0.
- Operating system tuning.
- NFS / SAMBA resources configuration.
- Installing and configuration of WebLogic 11G/12c server´s, oas, Jboss, apache, tomcat, etc…
- Creation of SSL Certificates / containers and all related tasks.
- Java middleware server's/http server's - performance and tuning and heap dump analysis.
- Day by day investigation on strange issues in very critical applications.
- Middleware server / system / application upgrades.
- KVM virtual machines administration and now migrating to vmware.
- Configuration of smtp (sendmail, postfix) and dns (bind).
- Testing Ansible in development and pre-production environments.
- Train/mentoring new employees.

Senior System administrator at Siemens Healthcare with abama tech
Jul 2005 - Nov 2008

Working for Siemens healthcare group, giving third level support on hospitals all over Spain. With very critical systems. With on call 24 * 7.

Daily tasks:

- Installation and maintenance of Solaris, redhat and windows server´s.
- Installation of JRUN, tomcat, oracle application servers.
- Oracle internet directory, ibm secureway, sun one, openldap configuration.
- Oracle 9i administration.
- OID - AD authentication delegation.
- Middleware and http server's performance and tuning.
- Radwareload balancer configuration. Configuration of pf/ipf firewalls on FreeBSD/OpenBSD.
- Responsible of the migration from windows to Linux servers.
- Responsible of the migration of IBM secureway to Oracle internet directory or to Sun ONE.
- Prime cluster (Fujitsu cluster) on Solaris servers.

System administrator at Terra Networks.
Feb 2003 - Jun 2004

Operator / Sysadmin at IP SISTEMAS
Oct 2000 - Nov 2002

EDUCATION

Master -Tru64 Unix (COMPAQ) and Oracle - (Procesos integrales de formación.)

COURSES AND CERTIFICATIONS

Currently *Training ansible.*

May 2018 *Completed M102: MongoDB for DBAs*

June 2017 *Started Python bootcamp course at Udemy.*

June 2017 *Completed Udemy course: Python Bible.*

16 Dec 2016 *Passed: Red hat Certified system administrator "RHCSA" (RHEL7)* ***certification id*** *160-265-187*

Aug 2016 Linux Academy Red Hat Certified Systems Administrator Prep Course.

Apr 2016 Weblogic system administration, diagnostics and troubleshooting course.

Feb 2012 Pentesting web applications workshop with Chema Alonso (madridonrails).

Mar 2011 Weblogic Workshop.

Jun 2010 ITIL Foundations V3.

2007 Certification on Fujitsu Primepower Servers

2000 ASE certification on Tru64 Unix, ASE storageworks certification, ASE on web environment, Oracle Database courses: plsql, performance & tuning, etc...

1999 NT/Novell/Unix networks (Nuevas tecnologías Madrid)

ADITIONAL INFORMATION / INTERESTS

- Daily self-training related to Linux / scripting / networking, because I´m a passionate of these areas.
- I enjoy travelling as I have a keen interest in other cultures and ways of life. I feel I learnt the importance of independence and understanding the ways of others.
- I love all kind of sports, but I prefer the ones that feel in contact with the nature, like snorkelling, trekking, etc...
- Cooking international dishes is another hobby, to keep in contact with other cultures.