KOLDO OTEO ORELLANA

***Phone:*** +353 8306 72797 / [koldo.oteo@gmail.com](mailto:koldo.oteo@gmail.com) / <https://www.linkedin.com/in/sitereliabilityengineer/en> / <https://github.com/SiteReliabilityEngineering>/sre / <http://sitereliabilityengineer.net>

***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](https://github.com/SiteReliabilityEngineering/sre/tree/master/check_webservice)
* Here you could see some of the tools: [tools](http://sitereliabilityengineer.io/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.