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Informatics Engineering

Professional Work Experience

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| Mar-2022, Apr-2023 | <ul style="list-style-type: none">★ OS Engineer. Smartmatic International Corporation.★ Deploying infrastructure componentes over cloud technologies (AWS).★ Give support to the QA team.★ Maintaining the terraform scripts and Ansible playbooks used to deploy the infrastructure★ Maintaining pipelines in Jenkins to automate the creation of docker images★ Run performance tests. |
| Ago-2021, Feb-2022 | <ul style="list-style-type: none">★ Cloud Engineer. Escala 24x7★ Deploying infrastructure componentes over cloud technologies (AWS). |
| Dec-2020, March 2021 | <ul style="list-style-type: none">★ DevOps Engineer. Validda SAS.★ Deploying infrastructure componentes over cloud technologies (AWS).★ Management the Active Directory, Enterprise Applications, Git Repository and Pipeline execution in the Azure platform .★ Management the resources deployed in Cloudflare platform. |
| Jan-2020, Nov-2020 | <ul style="list-style-type: none">★ OS Engineer. Smartmatic International (Sede Medellín).★ Deploying infrastructure componentes over cloud technologies (Openstack and AWS).★ Customize Ubuntu 16.04 installer to run the unattended process and provision the Operating System with the packages required by different applications used in the projects.★ Build pipelines in Jenkins to automate the creation of docker images, the execution of sonarqube tests and the release version. |
| May-2018-May-2019 | <ul style="list-style-type: none">★ Consultant Aytomic Technology. Ohio. USA.★ Using Perl Language for Development of modules: DMS, VIP-Program, Maily and Report-Framework. |
| Mar-2018, Jan-2020 | <ul style="list-style-type: none">★ Technology Deployment Infrastructure Coordinator. Every Solution S.A. Panamá. Assigned to customer Smartmatic Latin América.★ Perform the deployment of the infrastructure components using automation tools over cloud technologies (AWS).★ Customize Ubuntu 16.04 installer to run the unattended process and provision the Operating System with the packages required by the Electoral Management Platform (EMP)★ Scripting in BASH for the unattended generation of the ISO image with the EMP installer |
| Aug-2017, Feb-2018 | <ul style="list-style-type: none">★ Technology Deployment Coordinator. Tecnología Smartmatic de Vzla. |
| Mar-2015 | <ul style="list-style-type: none">★ Technology Deployment Infrastructure Eng. Lead. Tecnología Smartmatic de Vzla. |
| Mar-2013 | <ul style="list-style-type: none">★ Technology Deployment Infrastructure Eng. Tecnología Smartmatic de Vzla.★ Design and documentation of infrastructure components.★ Perform the deployment of the infrastructure components using automation tools (Puppet).★ Scripting in Perl for:<ul style="list-style-type: none">• Monitoring SAN HP P2000G3 using the proprietary API component.• Executing Checklists of services and parameters over the servers.• Running management tasks (load, export, list, delete) using Rundeck jobs.★ Managing the infrastructure components of the organization projects. |
| Jul-2012, Jan-2013 | <ul style="list-style-type: none">★ Database and Telecom Coordinator. SUVINCA.★ Managing PostgreSQL databases of Dev/testing/production environments for High Availability★ Development Perl routines for perform backups in PostgreSQL databases.★ Managing and perform backups of PostgreSQL and MySQL production databases environments.★ Performing data restore tests for production databases environments.★ Supervise the correct operation of telecommunication equipment. |

Professional Work Experience (continúa)

Feb-2012, Jun-2012	★ DRP Manager. Banco de Venezuela S.A.C.A. ★ Coordinate the update of BIA applications in the Alternate Data Center. ★ Coordinate the functionality testing of the Alternate Data Center. ★ Verify data replication of critical processes to the Alternate Data Center. ★ Continuous update of the Data Recovery Plan.
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Academic Training

Dic 1.992	★ Informatics Engineering. Universidad Centroccidental Lisandro Alvarado (UCLA). Barquisimeto.
Junio 2.007	★ Diploma in Technologies Security and Telecommunications. Instituto Universitario de Seguros. Caracas.
Working on Thesis	★ Magister in Management of Information and Communication Technologies. UNEFA. Caracas.

Featured Skills

Hardware

- ★ Vax 11-780, Dec Alpha 4000-600, Aplhaservers 800, 1200 y 4100, VaxStation 4000, Compaq Server Proliant, IBM Server iSeries, IBM Pc and Compatibles, Macintosh, Notebooks, Hubs and Switch 3Com, router Cisco.

Software

- ★ **Operating Systems:** Linux (Debian, Ubuntu, Xubuntu, Lubuntu), MS-Dos, Windows (3.x, 95, 98, NT), Finder (Mac), VMS, OSF1, TRUE 64 Unix (Digital), Digital Unix, Novell 3.11 - 3.12, Lantastic, DecNet.
- ★ **Virtualization:** Proxmox, KVM, LXC, Docker, Vagrant, Xen.
- ★ **Programming Languages:** Perl, Java, Pascal, Fortran, C ANSI, BASH, Prolog, Delphi, Visual Basic, Natural Lightstorm.
- ★ **Data Base:** Postgres, MySQL, Oracle 8i, McKoy, ADABAS D, Clipper 87, 5.01 - 5.02, DBase III, DBFast, Sysbase System 10, FOCUS.
- ★ **Markup Language:** HTML, YAML, $\text{\LaTeX}$
- ★ **Application Services:** Apache Tomcat, Oracle Application Server 4.0.7, Oracle Developer Server 6.0
- ★ **Network Services:** Apache Webserver, Nginx, SSH, DHCP, DNS, Postfix, NFS, SAMBA
- ★ **Automation, Orchestration and Cloud (DevOps):** Ansible, Puppet, Rundeck, Jenkins, Cobbler, Git, Docker, Terraform, OpenStack, AWS
- ★ **Desktop Applications:** OpenOffice, Thunderbird Mail, Firefox, Chromium Web Browser, KDE Desktop, Gnome Desktop, XFCE Desktop, Lxde Desktop, Vim, GVim, Inkscape, Microsoft Office Suite, Netscape, IE, Pegasus Mail, MixNet, Listproc
- ★ **Presentation and Wiki Tools:** Beamer, Graphviz, ikiwiki, twiki, mediawiki, foswiki.

Capacitación

Dec 2019	★ Kubernetes y docker en AWS desde cero. Udemy.
Jun 2019	★ Docker de principiante a experto. Udemy.
Nov 2016	★ Try R. CodeSchool.
Jun 2015	★ Learning Vagrant. Linux Academy.
Jun 2015	★ DevOps Essentials. Linux Academy.
Jun 2015	★ Git and GitLab - Start to Finish. Linux Academy.
Sept 2.011	★ Workshop - Introducción al Hardware Libre con Pingüino. NetLynx-Vekit.
Apr 2.011	★ World Plone Day Venezuela 2.011. CENDITEL.
18 - 20 Aug 2.007	★ Latin America CACS Conference. ISACA, Santiago de Chile, Chile.
Nov 2.007	★ V Foro Mundial de Conocimiento Libre. Ciudad Guayana.
21 - 24 Oct 2.007	★ Latin America CACS Conference. ISACA, Monterrey, México.

Capacitación (continúa)

20 - 21 Oct 2.007	★ Curso de Preparación al Examen CISA. ISACA. Monterrey, México.
Sept 2.007	★ Openoffice Integrado. NCSCA. Caracas.
29 Mar to 10 Apr 2.007	★ Entrenamiento de Facilitadores. Jiménez Olarte & Asociados. Caracas.
29 Nov to 15 Dec 2.006	★ Control Interno con énfasis en Administración del Riesgo. Jiménez Olarte & Asociados. Caracas.
23 - 26 Oct 2.006	★ Latin America CACS Conference. ISACA. Bogotá, Colombia.
19 - 21 Jun 2.006	★ The IIA's International Conference. IAA. Houston, TX, USA.
03 - 05 May 2.006	★ Java Avanzado. OpenWorld, Caracas.
24 - 25 Apr 2.006	★ Java Intermedio. OpenWorld, Caracas.
10 - 11 Apr 2.006	★ Java Básico. OpenWorld, Caracas.
16 - 17 Feb 2.006	★ Seminario Internacional de COBIT. Jiménez Olarte & Asociados. Caracas.
Feb 2.006	★ Oracle Collaboration Suite Release 2: Administration Workshop. Oracle, Caracas.

Scholarships

Jun 1.997	★ Scholarship awarded by the Spanish Agency for Cooperation to attend the IV Ibero-American Conference on Computer Science. Santa Cruz de la Sierra, Bolivia.
Jun 1.995	★ Scholarship awarded by the Fermín Toro University (UFT) for Postgraduate studies.