

## Johandry Amador

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### OBJECTIVE

Golang Developer, DevOps Engineer, Sys Admin and Unix & Web developer, working on a challenging and rewarding position where I can continue learning and using all my knowledge. In companies that can utilize a performance driven individual; providing cost-effective solutions and implementing quality driven environments.

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### SUMMARY

Currently working as DevOps Engineer for more than 5 years but doing DevOps like and automation activities in the past 15 years. Golang passionate developer for more than a year. More than 15 years of experience in Unix administration and Unix development (Shell, Perl & Ruby) for several 500 Fortune companies.

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### SKILLS

#### Programming, Scripting and other Languages

Golang, Perl, Ruby, Shell (Bash), Java Script, Python, HTML5, JSON, CSS.

#### Frameworks, Runtime Environments and Development Tools

Dancer, Rails, Flask, JQuery, Angular, Covalent and NodeJS.

#### Configuration Management and DevOps Tool

Docker, Terraform, Vagrant, Packer, Ansible, Puppet, AWS, Kubernetes, vSphere, OpenShift 2 & 3, Jenkins and Git.

#### Networking and SysAdmin tools

F5, Zabbix, Nagios, OKTA, CA Siteminder, SUN Identity Management and CA Autosys.

#### Database Server

SQLite, MySQL and MongoDB.

#### Middleware

Apache Web Server, Tomcat, JBoss and Glassfish.

#### Systems

Linux (RedHat, CentOS, Ubuntu, Debian), Unix (HP-UX, OS X) and Windows.

#### Soft Skills

Project Management including: Remotely and On-site coordination of more than 30 teams top in different countries, People Management 1:12, Metrics Reviews, Risk Management, Process Management, Change Management, Release Management, Incident and Problem Management, Planning and coordination of System Integration Tests and UATs, Retailing processes, basic Logistics process and basic Financial and Managerial Accounting.

#### Other

MS Project, HP Quality Center, Service Now, JIRA and Single Sign On.

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### Professional Experience

#### Teradata, San Diego, CA, USA

2016-Present

##### DevOps Engineer

##### Responsibilities:

- Working at the Center for Hadoop team working with Presto to make it available in different platforms such as AWS, Azure and Kubernetes.
- Developing CLI applications in Go (Golang) to use and extend the Serf and Terraform features using many packages such as Viper, Cobra and Logrus.
- Development of Event-driven Configuration Management in Go and Serf packages.
- Development of Microservices in Go using RESTful and gRPC API.
- Using Docker, Kubernetes and Docker Compose to create cluster of Microservices made in Go.
- Development of tools to create, configure and destroy Kubernetes clusters on vSphere, On-premise and AWS using Go, Terraform and Ansible.
- Integration of Ci/CD Jenkins pipelines in the development projects.
- Using Packer and Ansible to create AWS images (AMI).
- Using Molecule to develop and test Ansible roles with Goss on Docker.
- Develop AWS Cloudformation templates to create clusters.
- Working on Agile development team using Jira, Github and Jenkins.
- Development of Front-End Application using Angular and Covalent frameworks.

**FICO**, San Diego, CA, USA

*DevOps Engineer*

2015-2016

Responsibilities:

- Development of Puppet modules with Hiera, r10k and Jenkins for continue integration and continue deployment of managed products and related services.
- Control of version and repository management with BitBucket and Git.
- Use of Foreman, Foreman API and Vagrant to lifecycle management of virtual servers in Non-Production environments on VirtualBox and vSphere.
- Task automation, service management and application deployment using Bash scripting, Puppet modules with Hiera and Jenkins.
- Use of Docker and OpenShift to manage micro services for development and testing.
- Server virtualization management and basic storage management with vSphere.
- Use of Packer to generate images to be used with Vagrant on VirtualBox and vSphere.
- Ownership and support of 7 Products with 3 layers in Non-Production environments.
- Design of Infrastructure Diagrams, creation of Bills of Materials (BoM) and validation of Software Architecture Document (SAD).
- Administration of JBoss and Glassfish, manually and with Puppet.
- Use of F5 to configure load balance and high availability.
- Creation and management of VIP with NPM and F5. DNS management with Infoblox.
- Single Sign On configuration with OKTA with the OKTA Console and at the application side, manually and with puppet
- Zabbix and Keynote configuration for monitoring and reporting of every server and service in Production and Non-Production environment and on the 3 layers.
- Configuration of SSL/TLS in every application layer and configuration of mutual authentication, manually and using puppet.
- Management, manually and with puppet, of: MySQL, CouchBase, ElasticSearch, Vertica, Jasper, Apache Web Server, Apache MQ, Apache Tomcat.
- Installation and configuration on the server side (UNIX) of Vormetric.
- Installation and upgrade of Tableau Server.
- Use of ServiceNow for incident management, change control and task management using Visual Task Boards and KanBan system.
- Documentation of processes as well as scripts on Jive and git server (Markdown).

**Global HITSS**, Aguascalientes, Mex.

*Senior System Administrator and UNIX Developer (Perl, Bash, Ruby & Web)*

2013-2015

Worldwide Attended Business: **Amdocs**, **AT&T** and **Yellow Pages**.

Responsibilities:

- UNIX developer in Perl and Bash to automate UNIX Admin tasks.
- Perl developer of Web and RESTful Application (backend) using Dancer2 framework with MySQL and MongoDB. All these using Packer, Vagrant and Docker.
- Web developer (frontend) using AngularJS, JQuery, Bootstrap, HTML5, CSS and JS. All these using Yeoman, NPM, Bower, Grunt and NodeJS.
- Build and Configuration Management of development/testing environments with Docker, Fig, Packer, Vagrant and Puppet on VirtualBox running on Windows and Mac and AWS.
- Deployments to multiple servers in testing and production environments using Jenkins, Git and Docker.
- Documentation and Configuration Management of 200+ servers with Puppet and Git using Hiera and Hiera-eyaml.
- Development and Maintenance of a Job Scheduler application, a critical enterprise application - similar to Autosys - to transfer remote files and execute remote commands. The transfers and executions are triggered by a schedule or the existence of a file (file watcher). The application can be executed form CLI or Web. The backend was developed in Perl on Dancer with a Database in MySQL and Bash scripts. The frontend was developed using HTML5, CSS, JS, JQuery and Bootstrap.
- Development and Maintenance of Web Application to centralize UNIX Admin tools and reports. This is a CLI and Web Application to collect and present reports of System Patches, Netapp differences, Nagios monitoring dashboard, Servers Inventory using Facter and others, the application is continuously growing. The backend is a RESTful application developed with Perl, Dancer2 using Moo (Perl Object Oriented), Bash and storing data on MongoDB. Use of JSON files to transfer data to the frontend, which was developed with AngularJS, JQuery, Bootstrap, HTML5, CSS & JS. A second and improved version of this application was done using MEAN instead of LAMP. Using NodeJS with Express in the backend connected to MongoDB to store all the servers' data. The backend is a RESTful application as well to provide data to the frontend developed with AngularJS, Bootstrap and HTML5.
- Migration of 100+ servers and applications to the IBM cloud infrastructure (SoftLayer) using Puppet and Git to document and configuration management.
- Sys Admin activities such as Storage Management with NetApp, Server Virtualization Management with VMWare and General Sys Admin tier/level 1 tasks.
- Systems Administrator (Windows, RedHat ES and HPUNIX)
- On-Call service non-business hours every 6 weeks.

**Softtek Information Services**, Aguascalientes, Mex.

2012-2013

*Technical Leader of Production Control Team, Senior System Administrator and Middleware Administrator*

Worldwide Attended Business: **Electronic Arts**, **Burger King** and **General Electric** Infrastructure

Shared/Cloud Services.

Responsibilities:

- Systems Administrator (Redhat ES, HP-UX, CentOS and Windows 8) of +100 virtual and bare metal servers.
- Active participation in a Datacenter Migration. Accountable for Autosys servers and service.
- Project Manager in Electronic Arts of Global Data Centers Migrations of games, based on Blaze technology, to QA and Production environments.
- Middleware Administrator (Apache HTTP 2, JBoss 5 and 6).
- Deployments of games to JBoss manually and using automated homemade tools on Blaze.
- Development of Perl, Shell (Bash) scripts, Ruby, C# and PowerShell (Windows) to automate SysAdmin tasks and Autosys tools.
- Development of an Inventory web application (Ruby on Rails) to store Servers, Applications, Services, Owners and their attributes with an easy search and relationship among them.
- SSO enable applications using CA Siteminder.
- Troubleshooting of incidents with Apache Web Server, Proxies, SSO Siteminder, client side (JS, cookies, etc...), and applications running on JBoss.
- CA Autosys Administrator and System Administrator of 12 servers running Autosys agents.
- Autosys Jobs scheduling and troubleshooting of jobs for Windows and UNIX scripts, SAP, Informatica and Hyperion.
- Development of an Autosys CMDB, Autosys Jobs cleanup and Autosys Servers cleanup applications.
- Management of the cross-training of the Production Control team members.
- Development of plugins in Perl and Python for Nagios and Cactis to monitoring the Game Servers in Electronic Arts.

**Softtek Information Services**, Aguascalientes, Mex.

2004-2012

*UAT Program Manager, QA Manager, Program Manager, Project Manager, Technical Manager and Infrastructure Architect.*

Worldwide Attended Business: **Wal-Mart** and **General Electric**

Responsibilities:

- UAT Program Manager: Remotely (from Mexico) and on-site (from Brazil) planning, execution and control of the UAT to integrate Brazil SE Stores to Wal-Mart Systems.
- Program Manager: Remotely (from Mexico) and on-site (from US) coordination of 33 teams in US, Mexico and Central America (Costa Rica, Nicaragua, Guatemala, Honduras and El Salvador) to integrate Stores and Distribution Centers to Wal-Mart systems from these 5 countries. Includes Development, System Integration Test and UAT's.
- Project Manager 1:12 of a Development using an ETL. Includes the phases Analysis, Design and Construction.
- The platform and technical distribution of the teams in all these projects were: 50% of the teams UNIX based, 30% of the teams Mainframe based and 20% of the teams functional.
- Hands-On on many UNIX technical issues and technical coordination on Mainframe technical issues.
- Planning, control and execution of technical and data environment setup for all the tests: SIT and UAT.
- Support to other Wal-Mart Integration programs such as Chile and Japan.
- Project Technical Manager 1:7.
- ITIL Process definition, documentation, implementation and management for the Release, Change, Knowledge, Configuration, Incident and Problem management processes of the project.
- Design, Development with Ruby on Rails, Support and Maintenance of a CMDB application to keep the inventory of the infrastructure of the project (servers, OS, services, applications, users, etc...).
- Infrastructure Architect in charge of the Design and Implementation of the entire infrastructure of SUN Identity Manager Infrastructure (IdM) and Verdasys Digital Guardian at GE Commercial Finance.
- Install, setup, support and maintenance of monitoring applications such as Topaz, Sitescope, Big Brother, Big Sister and Nagios to monitoring of 18 UNIX servers and services to prevent in advance incidents.
- UNIX scripting development in Bash, Perl and Ruby (Web and CLI) to automatize process for Release of code, Access Control, QA, Monitoring and Services Administration, reducing the work man hours and improving the processes.

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## EDUCATION

**B.S., Computer Sciences,**  
*Havana University, Havana, Cuba*  
4.34/5.00 GPA

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**Puppet Professional Certification**  
*License PCP204-0090*

2016

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## LANGUAGES

- Spanish 100% Native Speaker
- English 90% Very Good

**Bilingual Spanish-English**