

# Julio Villarreal Pelegrino

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## SUMMARY

Accomplished Technology Leader and Enterprise Architect with over fourteen years of experience in the Software and IT industry. Specialized in Linux, cloud computing, virtualization, networking, storage, and enterprise software.

## EDUCATION

**Computer Science** Universidad de Granma, Cuba (2003 – 2006)

**High School Diploma** IPVCP “Blas Roca”, Cuba (2000 – 2003)

## LANGUAGES

**Spanish** (Native)

**English** (Full business proficiency)

## SKILLS

**Cloud Computing:** OpenStack, vCloud Director, AWS, Azure, Hadoop, OpenShift.

**Linux:** Red Hat Enterprise Linux, CentOS, Fedora, Oracle Linux, Debian, Ubuntu.

**Virtualization:** VMware vSphere, KVM, Xen, Oracle VM, RHV.

**Configuration Management:** Ansible, Puppet, Chef.

**Scripting / Programming:** Bash, Python, Golang, .NET, Delphi, Pascal.

**Enterprise Hardware:** Dell PowerEdge, Oracle Sun Servers, HP, IBM.

**Storage:** Dell Equallogic and Compellent, EMC, Oracle Pillar, ZFS, NetApp.

**Networking:** Cisco (IOS and Nexus), Dell PowerConnect, Dell Force10.

**Microsoft Technologies:** Windows Server (2000,2003,2008,2012), Active Directory, IIS, Exchange.

**Other Skills:** Bind (DNS), DHCP, FTP, Web Server (Apache, NGINX), Squid, Postfix, Sendmail, HA Proxy, Docker, Kubernetes, LXC, Pacemaker, Neutron, NFS, NFV, Satellite Server.

**CERTIFICATIONS** RHCA (Red Hat Certified Architect) – ID: 110-434-958.

RHCDS (Red Hat Certified Data Center Specialist) – ID: 110-434-958.

RHCE (Red Hat Certified Engineer) – ID: 110-434-958.

RHCVA (Red Hat Certified Virtualization Administrator) – ID: 110-434-958.

RHCSA (Red Hat Certified System Administrator) – ID: 110-434-958.

VCP (VMware Certified Professional 3 & 4) – ID: 32797.

VCAP-DCA (VMware Certified Advanced Prof. Data Center Admin.) – ID: 607.

VCAP-DCD (VMware Certified Advanced Prof. Data Center Design) – ID: 493.

CCA (Citrix Certified Administrator: XenServer 5 and Citrix Provisioning Serv.).

**MCITP** (Microsoft Certified IT Professional).  
**MCTS** (Microsoft Certified Technology Specialist).  
**CloudU** (RackSpace CloudU University).  
**CCAH** (Cloudera Certified Administrator for Apache Hadoop).

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## EXPERIENCE

### **Red Hat Inc, Austin – TX.**

#### **Chief Architect, Cloud & Infrastructure (02/08/2018 to present).**

- Chief Architect for Cloud and Infrastructure at the Emerging Technologies Practice.
- Responsible for providing advisory services to customers, from B-level to C-level executives.
- Subject Matter Expert in hybrid cloud, OpenStack, RHEL, Containers (Docker, Kubernetes, LXC), networking, storage technologies, agile methodologies, DevOps, and infrastructure at scale.
- Responsible for the architecture design and delivery of private and hybrid cloud solutions.
- Customer's advocate to architect the right solutions and ensure they are implemented and supported in an innovative and reliable way.
- Provide tough leadership by contributing to the development of repeatable methodologies and tools designed to scale Red Hat's services capabilities, promote repeatable customer engagements, and lower delivery risk.
- Mentor internal technical leaders.

### **Red Hat Inc, Austin – TX.**

#### **Principal Cloud Architect | Cloud Practice (08/01/2016 to 02/08/2018).**

- Principal Cloud Architect for the Emerging Technologies Infrastructure Practice.
- Manager for the OpenStack Community of Practice within Red Hat.
- Subject Matter Expert (SME) within the Emerging Technologies Practices in OpenStack, RHEL, Container technologies (Docker, Kubernetes, LXC).
- Responsible for the architecture design and delivery of private and hybrid cloud solutions at scale.
- Customer's advocate to architect the right solutions and ensure they are implemented and supported in an innovative and reliable way.
- Responsible for leading the delivery of successful discovery, analysis, and design workshops for small to medium teams of both technical and non-technical backgrounds that shape and influence the customer's use cases and architecture design decisions.

- Provide mentoring to consultants and architected within Red Hat Consulting.

**Red Hat Inc, Austin - TX.**

[Senior Cloud Architect, Cloud Practice | \(03/06/2015 to Present\).](#)

- Architect, design, create, and deliver Cloud Solutions at scale.
- Act as SME on OpenStack / RHEL / Containers (Kubernetes, Docker) and Enterprise IT.
- Demonstrate thought leadership in the cloud community by producing world-class white papers, webinars, as well as speaking at industry-leading conferences.
- Act as the customer's advocate to architect the right solutions and ensure they are implemented and supported in an innovative and reliable way.

**Oracle Corporation, Austin - TX.**

[Principal Systems Engineer, Cloud IT | \(03/31/2014 to 03/03/2015\).](#)

- Research, architect and implement new technologies including but not limited to Linux, Unix, Virtualization, Cloud Computing and Configuration Management.
- Plan, design, implement and monitor system administration processes and procedures.
- Actively participate in design/review activities to evaluate program/project approach, design, and supportability.
- Entering change controls and performing peer review of all changes about systems and infrastructure.
- In charge of capacity planning and cloud infrastructure architecture for all the Cloud IT Data Centers.

**Dell Inc., Austin - TX.**

[Principal Data Center Solutions Consultant | \(8/17/2013 – 3/28/2014\).](#)

- Provide remote and onsite design, installation, configuration and support for converged data center infrastructure products.
- Provide training and assist with onsite troubleshooting and deployments.
- Understand, design, propose and communicate requirements to all solution stakeholders (internal and external).
- Deliver on-site consulting services such as performance monitoring, network audits, testing/troubleshooting and make recommendations for the optimization of a customer's design.

**Dell Inc., Austin - TX.**

[Sr. Solutions Engineer, NOS Team | \(3/10/2012 – 8/16/2013\).](#)

- Technology Expert for the NOS Team on Cloud Computing/Virtualization solutions.
- Research and reproduce complex technical issues.
- Work with vendors and different Engineering Product Groups in various IT solutions involving Linux, vSphere, Hadoop, OpenStack, etc.

**Dell Inc., Austin - TX.**

[Systems Engineer, NOS Team | \(9/20/2010 – 3/09/2012\).](#)

- Responsible for providing expert level knowledge and resolution to issues escalated from the High Complexity support queues, Global Consulting Services and Deployment Engineers regarding Linux (RHEL, SLES), VMware, Citrix XenServer, Netware and other UNIX/Linux OS.
- SME (Subject Matter Expert) in Cloud Computing technologies inside the NOS (Network Operating Systems) team for OpenStack and Hadoop.

**Dell Inc., Austin - TX.**

[Product Engineer | \(3/10/2008 – 9/19/2010\).](#)

- Provide software support for Linux and Unix systems: Red Hat Enterprise Linux, SuSe Enterprise, Novell Netware, Novell Open Server and Solaris 10.
- Support for the VMware Infrastructure and vSphere, Citrix XenServer as part of the Dell OEM products.

**Web Hosting Group Inc., Austin - TX.**

[Linux Systems Administrator | \(4/16/2007 – 3/07/2008\).](#)

- Support the server infrastructure running Linux to maintain a 99.9% uptime of the production environment.
- Responsible for Installing/Configuring and the daily operations of web servers running LAMP Technologies and email servers running Qmail, Sendmail, Postfix.
- Write scripts to automate daily administration tasks.

**Sonido Coral Negro, Cuba.**

[Sr. Systems Engineer | \(10/15/2005 – 11/02/2006\).](#)

- Maintain the Server/Network infrastructure running Debian Linux and Windows 2003 Server.
- Install/Configure the NetApp SAN infrastructure.

**Jovenes Club de Computacion, Cuba.**

Sr. Network Administrator | (08/15/2004 – 10/12/2005).

- Maintaining the Server/Network infrastructure running Linux and Windows Server.
- Responsible for the company Intranet.

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## ORGANIZATIONS

**The Linux Foundation** (Individual Member)

**The OpenStack Foundation** (Individual Member)

**IEEE** (Member)

**ALPFA** (Member)

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**REFERENCES** Check what other professionals said about me at [LinkedIn!](#)