


## **RESUME**

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	SPANISH	:	Native
	ENGLISH	:	Fluent
	NATIONALITY	:	Spanish

### **Education and Qualification**

#### **Professional Degrees:**

- **M. Sci Master Science of Engineering - Universidad Nacional Andres Bello**
- **B. Sc Computer Engineer - Universidad Nacional Andres Bello**

#### **Technician Degrees:**

- **Upper Level Technician in Communication and Electronic – Polytechnic Academy of Chilean Navy**

#### **Training Courses:**

Terraform – Azure Cloud – Amazon AWS - Docker Containers with Kubernetes – CI/CD with Spinnaker – Jenkins – Ansible – Linux- Docker Containers on ECS Fargate/EC2

#### **Certifications:**

AWS Certified Cloud Practitioner

### **Experience**

#### **Skills Gained From Past Roles.**

##### **Cloud Computing:**

- AWS ( S3 and Glacier, RDS, OpsWorks, Route53, Networking services, VPC and Security Groups, IAM integration with S3, and AWS used as PaaS with Terraform HCL)
- Azure ( Virtual Machines and Virtual Networks managed as PaaS with Terraform HCL.

##### **Platform Engineer:**

- Methodologies Best Practices(DevOps/Agile/CI CD)
- Deployment Tools (XL Deploy)
- Configuration Management /Automation(Ansible, Jenkins, Spinnaker, Chef)
- Monitoring / APM Tools (Nagios/Zabbix/Munin)
- Container Orchestration (Kubernetes/ECS)
- Virtualisation(VMWare / Xen /VirtualBox/ProxMox)
- Version Control (CVS, SVN, GIT)
- Provisioning: Terraform
- Cloudflare – Video Streaming - CDN

##### **Developer:**

- Methodologies(Agile/TDD/XP/Lean)
- Compiled Languages (Java/C)
- Interpreted Languages(JavaScript/PHP/Bash/PowerShell)
- Frameworks(Struts/Spring/MyBatis)

- DBMS Languages (Oracle, MySQL, PostgreSQL)
- IDE(Eclipse/JDeveloper/NetBeans)
- Build Automation Tools (Ant/Maven)
- App/Web Servers (WebLogic/GlassFish/WebSphere/JBoss/Apache/Nginx)

#### **System Administrator:**

- Operating Systems (Linux / Unix / FreeBSD)
- Network Services: (DNS, FTP, SMTP, NTP, Radius, LDAP, Load Balancer)
- CMS ( WordPress / PHPNuke / Drupal / Joomla )
- Monitoring / APM Tools (Nagios/Zabbix/Munin)
- Cisco Operating Systems (CatOS/IOS)

#### **Team Leader:(Soft Skill)**

- Managing outsourced / offshore development teams
- Teaching technologies in front of audiences and team members
- Managing Sysadmins and operations teams
- Demo for customers supporting sales teams
- Advocate and Evangelist of (Open-source/Agile/DevOps/CI-CD/Cloud Computing)
- Business development.

#### **Brief**

Hands-on and passionate by technology, a solid understanding of software life-cycle and methodologies, Agile evangelizer, good experience in Open Source and Linux systems, DevOps principles advocate, eager to automate everything, team member, self-motivated, proactive with a “Start-up” mindset to do independently the best effort to contribute to the big goal of the company.

#### **WORK EXPERIENCE**

##### **Leader DevOps: – London UK**

##### **QuantSpark UK 05/2019 – 07/2019**

- WordPress Video Service - CDN
  - CloudFlare Video Streaming – Load Balancers
  - Wordpress - PHP – MySQL
  - AWS – RDS S3 Ec2

##### **Senior DevOps : – London UK**

##### **VISIONDIRECT UK 06/2018 – 04/2019**

- Project to create a continuous deployment for BI development team using Jenkins, Terraform and AWS/OpsWorks/Chef/Bash Script / Powershell.
- Management of an E-commerce platform with Magento / MySQL / AWS
- Team member on Agile team of PHP and Java developers.
- Management of an ERP platform with Mendix Cloud / PostgreSQL / AWS
- Test environment for Containers on ECS

##### **Senior DevOps: – London UK**

##### **I-GPS UK 02/2017 – 06/2018 .**

- **Working under DevOps/Agile principles**
- In GPS, M2M, IoT & Telematics Business
- Management of the whole platform
- Management of Developers team offshore

- Looking after business requirement from the office in Chile and hardware providers in Lithuania.
- Technologies include :
  - \* LAMP stack
  - \* Debian, CentOS
  - \* Shell/Bash scripting automation
  - \* IoT API to connect GPS to Linux Sockets
  - \* Socket / PHP programming to listen to GPS devices and Load MySQL
  - \* WordPress Website front end.
  - \* Design new architecture based on Docker Containers.
  - \* Terraform/Ansible
  - \* Cloud Computing Azure/AWS
  - \* CI-CD Jenkins – Spinnaker
  - \* Containers - Kubernetes

### **DevOps Engineer – London UK**

**SmartFocus 05/2016 02/2017**

#### **Working under DevOps/Agile principles :**

- As Team member
    - \* AWS EC2/S3/Route53
  - \* Apache Tomcat / Apache 2.4 / JBoss
    - \* Java Applications
    - \* Linux (Redhat, Debian, CentOS)
    - \* Zabbix
    - \* VMWare / ProxMox
    - \* XL Deploy
    - \* Ansible / Puppet
- Migration project from XL Deploy to new Automated CI CD environment based on
- Jenkins and Ansible
  - Deployment process and debugging errors from Development to Production.
  - Scripting deployment and testing task, preparing roll out of the new releases.(PlayBook and RunBook)

### **DevOps Engineer – London UK**

**EuroCarparts 07/2015 04/2016**

#### **Working under DevOps/Agile principles :**

- As team member.
- Management of the E-Commerce platform
- Technologies include:
- \* LAMP stack
  - \* Redhat RHEL6 & 7, Satellite
  - \* Shell/Bash scripting automation
  - \* OS Monitoring & configuration (Ansible/Nagios/Cacti/Puppet/PRTG)
  - \* Load balancing (HA Proxy)
  - \* VMWare/KVM/Docker
  - \* MySQL, MariaDB & MS SQL server administration
  - \* Version Control System (GIT)
  - \* PHP/Perl/Python
  - \* Cisco networking
- Migration project to move all the website/database servers to the new VMWare environment.
- Other projects include:
- Migrating web platform to a Cisco UCS infrastructure
  - Roll-out of new responsive web platform for all websites
  - Many of these steps are to enable the creation of a continuous integration/delivery

<b>Platform Engineer - Chile</b>
<b>Falabella 01/2014 to 05/2015</b> <ul style="list-style-type: none"> <li>• Maintenance of WEB and Application Servers for Java based projects.</li> <li>• Linux Redhat Enterprise, environment over 1000 virtual and physical for four countries Chile, Argentina, Colombia, Peru.</li> <li>• Nagios/Monit monitoring.</li> <li>• MRTG/ RRDTools Graphics and reports.</li> <li>• Apache/Tomcat/Jboss Web platform operability.</li> <li>• Weblogic administrator cluster monitoring and troubleshooting.</li> <li>• Troubleshooting in production to</li> <li>• Monitoring with Nagios</li> <li>• Monitoring with AppDynamics</li> <li>• Deployment in Test, QA, Production</li> </ul>

<b>Java JEE/PHP Developer (contract) (7 years)</b>
<p>As developer strong experience working with Java frameworks and PHP under Agile methodologies in companies like:</p> <p><b>GAP Inc. San Francisco 03/2013 to 01/2014</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java/Oracle/MongoDB/MySQL/Spring Framework.</li> </ul> <p><b>LAN Chile Air Lines (Chile) 09/2012 to 04/2013</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java/Oracle/Informix.</li> </ul> <p><b>SCOTIABANK (Chile) 09/2011 to 09/2012</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java/Oracle/Spring Framework</li> </ul> <p><b>LAN Chile Air Lines 01/2011 to 08/2011</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java / Oracle</li> </ul> <p><b>EVERIS SOFTWARE FACTORY (Chile) 07/2010 to 12/2010</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end based on Oracle, Java, WebSphere and Oracle Coherence</li> </ul> <p><b>INTERNET SECURITIES (Chile) 01/2010 to 07/2010</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end for Big Data System based on Java and Oracle.</li> </ul> <p><b>UNIMARC (Chile) 04/2009 to 01/2010</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Multi thread system d to extract data from POS based on Java, MySQL, GlassFish</li> </ul> <p><b>SCOTIABANK (Chile) 05/2008 to 04/2009</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java, Oracle, MS SQL</li> </ul> <p><b>RIPLEY (Chile) 06/2007 to 05/2008</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end Java, Oracle</li> </ul> <p><b>EXE ENGINEERING (Chile) 03/2007 to 06/2007</b></p> <ul style="list-style-type: none"> <li>• <b>Project:</b> Back end based on Java, Oracle and Web Logic 9.2</li> </ul>

<b>Linux System Administrator (10 years)</b>
<p><b>UNIVERSIDAD DE CHILE 11/2005 to 03/2007</b></p> <ul style="list-style-type: none"> <li>• Operation and management of the infrastructure and data center.</li> <li>• Servers platform composed for more than 100 servers.</li> <li>• Nagios Monitoring of the services along the platform to ensure the availability</li> </ul>

- Dracula Open Source Software for network backup
- Deployment of new software releases.
- Source Version Management (SVN) for developers team

**UNIVERSITY ADOLFO IBÁÑEZ (Chile) 11/2004 to 11/2005**

- Network Services operation, maintenance and upgrade .
- Maintenance of the: SMTP, WWW, FTP, DNS services.
- Service Monitoring with Nagios.
- Cisco Switch Routers / VoIP Platform monitoring and administration
- **Version control management for developers team (SVN)**

**AT&T Latin America. (Chile) 08/2001 to 11/2004**

- Radius authentication over Linux RedHat
- Maintenance of the: SMTP, WWW, FTP, DNS services over Linux RedHat / Free BSD & Polaris
- Service monitoring with Nagios

**BELLSOUTH (Chile) 09/2000 to 08/2001**

- **Project:** Protected content for secure internet network.
- LAMP stack + Proxy Squid configuration for network security and content.
- Radius configuration for SSO on LinuxRedHat

**PACKARD BELL NEC (Chile) 01/1997 to 09/2000**

- Mail server installation (sendmail) on LinuxRedHat
- Web-server (Linux/Apache/MySQL/PHP) on LinuxRedHat
- Configuring DHCP Server for local networking on LinuxRedHat
- Configuring TCP/IP network for local users on LinuxRedHat
- Backups and data protection.
- Radius authentication for remote access

**Interest:**

- Agile Methodologies
- DevOps, SecOps, DBOps
- Football
- Fitness
- Block Chain
- Cloud Computing
- Containerization
- Guitar player
- Languages (Russian, German)

**London, Aug 2019**