

Curriculum Vitae
Jonathan Abdiel Gonzalez Valdebenito
Santiago, Chile.

General Information

Name: Jonathan Abdiel Gonzalez Valdebenito

Date of Birth: September 8, 1985

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Nationality: Chilean

Languages: Spanish, English.

Summary

System administrator with more than ten years on the field. I have worked with all the Linux distributions and in the past few years start to work with OpenStack since Folsom version to currently deploy a hybrid public/private cloud.

Capable of team work and individual work, very confidence under high pressure and always give the best to get any task done. Self motivated, hard working always looking for new challenges related to all the OpenStack projects with a special focus on scalability and redundancy of all the services.

Education

Computer Engineering *Universidad Tecnológica* 2005 – 2007

Certifications

Red Hat Certified Engineer License 160-116-026

Red Hat Certified System Administrator License 160-116-026

Work Experience

E-Government Division Infrastructure manager for the AWS, Azure and servers of E-Government Division, the main sites for this infrastructure are <https://chileatiende.gob.cl> and <https://claveunica.gob.cl> as the major sites of the e-government. Implement the CI/CD process for these and other sites as well for other government institutions. Other aspect of the job was work as a consultant for institutions related on infrastructure, DevOps and development process. One of the great achievements was the Software Development Guide for the State in which I contributed with the major part of the text and technologies selection. 2018 – 2019

Linets Chile SpA System Administrator Senior for the internal servers and primary Level 3 support for all the clients. Since 2013 working with OpenStack and all its components to build the first OpenStack deployment in Chile which backs Beebop the first public cloud in Chile which runs an OpenStack Liberty compatible with DefCore guidelines

The main work as team leader with Beebop included:

- Hardware selection
- Network design (BGP, OpenStack and Ceph)
- Deployment with Kolla and bug fix
- Monitoring of Host and network hardware
- Work on Horizon fork for the dashboard

As a team leader for the dashboard development team had to deal with creating a team culture between UX designer, backend and frontend programmers. Also promote the use of any available technology to solve issues related to deal with OpenStack API and it's components.

Software Arquitech for Linets internal projects like VPS Guru

Other non tech jobs in the position includes the acquisition of IPs and all the work involved to deal with LACNIC as administrative contact. 2012 – 2018

University of Chile - ADI System administrator and web programmer. Administration of tens servers that host U-Cursos. Created PHP modules for U-Cursos and other systems of the engineer school. Fixing and optimizing all the services to offer a better service with less consume of energy and resources. 2008 – 2012

Universidad de Chile - ADI Web programmer. Created PHP modules for U-Cursos and other systems of the engineer school. Replacing PL/SQL for PHP code and solving problems with Oracle 8i and 9.2 related to the migration to MySQL. 2007 – 2008

PCFIX Computación Ltda Computer support with Window OS and some GNU/Linux distributions. Assembling computers support. Install of GNU/Linux Debian distribution for enterprise to give a file-sharing system with Windows and GNU/Linux clients. Migration of systems from Windows 98 to GNU/Linux Ubuntu Edgy. Santiago, Chile. 2006

Rizoma Tecnología Ltda. Designed and implemented *POS Rizoma Comercio*, a POS for small stores using the technology that we can find in a supermarket. Most of the work invoved using C with the graphical library GTK+2 and PostgreSQL as database engine. Also, some shell scripts to

process a large number of CSV files with hundreds of line. Santiago, Chile.
2003 – 2008

BluePlanet Internet Chile Ltda. System administrator of about six GNU/Linux servers with Apache web server, MySQL and Postfix. All the servers were dedicated for a shared hosting with about 200 clients . Santiago, Chile.
1999 – 2007

Technical Knowledge

Computer programming languages: C, Perl, PHP, SQL99, PL/SQL, HTML 4.1, Shell scripting, ELisp, Python.

Linux distributions: Red Hat, CentOS, Debian, Ubuntu.

Free Software Projects

Apolos - <http://www.nongnu.org/apolos>

CD Player that uses the Linux ioctl system to manage the CD-ROM and play the music using the analog output. Design and development using C and GTK+.

EMMS - <http://savannah.gnu.org/projects/emms>

Emacs Multi-Media System. Programming the CD-player module using ELisp.

Monkey HTTP Daemon -

Optimization of code, functions of IPv4, packager of MatrixSSL project and other administration task on the server project.

Savane -

Project that use the Savannah project. Contribute with bug fixes and patch to the back-end and front-end.

Savannah -

Administration of the Savannah repository system. A forge project that gives support to the Free Software development where we deal with the project submission mainly reviewing any license problem to avoid any legal problem with the projects. Dealing with people from many different country.