Oquendo **Alejandro**

Backend Software Developer

Marina Nuñez del Prado, Torres El Olam, Cochabamba, Bolivia

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"Software developer always interested in new challenges and learning new technologies, bringing several years of experience in software development life cycle and coding to provide the best solutions to customers."

Education

Catholic Bolivian University Saint Paul *Cochabamba, Bolivia*
Higher Education Teaching *2015 - 2016*

Universidad Mayor de San Simón *Cochabamba, Bolivia*
Bachelor's degree in Systems Engineering *2004 - 2008, 2013 - 2015*

Tecnológico Nacional Andrés Bello *Cochabamba, Bolivia*
Higher Technician in Electronic Systems *2001 - 2004*

Experience

Truextend *Cochabamba, Bolivia*
Backend Software Developer *December 2022 - February 2023*
- Worked doing optimizations for the APIs of microservices for a vacation management system (Spring Boot and Node JS backend)

Truextend/Grid Dynamics *Cochabamba, Bolivia*
Backend Software Developer *August 2021 - November 2022*
- Worked implementing a feature that allowed costumers to order items for local pick-up, it was supported for several stores across the country (Spring Framework, Hybris)
- Worked adding a new feature for a e-Commerce platform to do packaging size calculation and sent the calculation to a 3rd party platform API to allow package deliveries for costumers orders (Spring Framework, Hybris)
- Worked on user subscriptions and rebranding of the store features for e-Commerce platform (Spring Framework, Hybris)

Truextend/ITC Defense *Cochabamba, Bolivia*
Backend Software Developer *August 2017 - July 2021*
- Developed features and bug fixed for a RESTful web service (Spring Boot)
- Developed and designed a Middleware application to manage network RFID readers and IP StackLights (Spring Boot)
- Developed feature for an inventory mobile app using RFID readers (React Native)
- Developed a compatibility bridge for a bluetooth RFID Reader, this to support the device in iOS and Android (React Native)
- Implemented and maintained CD pipelines for a QA server (Docker, Jenkins and GNU/Linux)

Digital Harbor *Cochabamba, Bolivia*
Backend Software Developer and DevOps *February 2017 - July 2017*
- Research on Machine Learning and Artificial Intelligence
- Modify Lucida (Personal Assistant) and OpenEphyra (Answering System in Java) to answer custom question types
- Implement *building* and *deployment* jobs using Jenkins, docker-compose and Amazon Web Services
- Develop BASH scripts to automate project builds and deployment for dev and testing

Jalasoft S.R.L. *Cochabamba, Bolivia*

Software Developer *October 2009 - December 2017*

- Development and maintenance of device monitoring systems, for UNIX and GNU/Linux
- Driver development and reverse engineering of RF-ID devices for GNU/Linux
- Dynamic and static analysis of executable files, to modify the software behavior
- Automatic build generation and deployment for production systems, using Jenkins and Docker
- Development of a phone tracker App for Android, using Java and NodeJS
- Maintenance and repair of Android smartphones
- Back-end development of attendance control system with EMCAScript6, NodeJS and ExpressJS

Fundación Jala *Cochabamba, Bolivia*

Programming introduction trainer *2013 - 2016*

- Teaching programming introduction using LEGO Mindstorms NXT y EV3

Fundación Jala *Cochabamba, Bolivia*

UNIX y Linux system administrator trainer *2010*

- Train engineers to be UNIX and Linux system administrators

Extracurricular Activity

Sociedad Científica de Estudiantes de Sistemas e Informática *Cochabamba, Bolivia*

Member *November 2006 - October 2015*

- Research and project development related with electronics and open source software

Hacklab Cochabamba *Cochabamba, Bolivia*

Member *October 2012 - Present*

- Research and project development related to hardware hacking and open source software
- Sysadmin of the Hacklab wiki

Further Training

Canonical   *Cochabamba, Bolivia*

OPENSTACK FUNDAMENTALS (ON SITE TRAINING)   *August 2016*

• 3-day hands-on course for setting up and run Ubuntu OpenStack cloud.

Technical profile

Technologies

• Java 11
• Spring Framework
• SAP Hybris
• IntelliJ Idea
• Git/BitBucket
• Jira
• PostgreSQL
• Bash
• Javascript ES6
• React Native
• Wiremock
• GNU/Linux
• C++
• Android
• MongoDB
• Docker
• Jenkins
• ExpressJS
• OpenCV
• Arduino
• Raspberry Pi
• Wireshark
• Radare
• LaTeX

Languages

• Spanish (native)
• English (intermediate)

Hobbies

• Photography
• Biking
• Drawing
• Swimming
• Arduino

References

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