



Santa Cruz de la Sierra, Bolivia

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Nationality: Boliviana

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Web: [kipus.lat](http://kipus.lat)

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## SUMMARY

I studied Electronic Engineering with a specialization in telecommunications. I've focused on software development and IT infrastructure, which complements my background in electronics, allowing me to undertake a wide range of projects. With my experience in software development and project management, I'm seeking opportunities for continued professional growth and to apply my acquired skills.

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# Abraham Paucara

**FullStack/DevOps/  
Networking/IT Security/AI  
Agent Developer / Public Key  
Infrastructure Engineer**

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## Experience

### Infrastructure Engineer

Digicert – Santa Cruz de la Sierra, Bolivia

March 2024 – Present

- Experience installing and administering **Zabbix servers and agents** to monitor systems and services.
- Experience installing and managing services using **Docker and docker-compose**.
- Administration of **Avaya VoIP telephone systems**.
- Configuration and administration of **Fortinet firewalls**, including routing, security policies, and VPN configuration.
- Installation and administration of **Proxmox virtualization servers**.

## SKILLS

- DevOps
- Virtualization technologies
- Software development
- Control systems
- Scripting
- Security VoIP systems
- Database management
- Server administration
- Linux system administration
- Infrastructure
- Automation
- Network configuration
- Public Key Infrastructure Specialist
- Cryptographic Security Engineer
- Bash scripting for **automation, restoration, and backup of virtual machines.**
- Installation and administration of **database servers.**
- Installation and administration of **EJBCA certificate authority servers.**
- Manage HSMs
- Generate and safeguard cryptographic keys
- Issue and revoke digital certificates
- Manage OCSP/CRL
- Installation and administration of **n8n servers for AI agents.**
- Installation and administration of **Apache WAF.**
- Installation and administration of **Wazuh for server security monitoring.**
- **PKI Engineer.** Certifications and digital identity. Ejbca & HSM

## PROFILES

<https://www.linkedin.com/in/abraham-paucara-b8b8427b/>

<https://github.com/abraham-paucara>

November 2022 – Current

[Kipus.lat](https://www.kipuslat.com) (Personal Startup) – Santa Cruz de la Sierra, Bolivia

Software Engineer

Developed a **Java and PHP driver** to integrate an electronic scale, allowing capture of weight data and storage in a database with client-specific customization.

Implemented an **automated Java application** using **Selenium** for sending WhatsApp messages for digital marketing campaigns.

Developed **custom modules for Odoo ERP**, including sales, accounting, billing, and manufacturing. Also customized reports and modules for a bakery business.

Technologies used: **Python, XML, PostgreSQL,**

## **JavaScript.**

Designed and developed a **sales route optimization tracking system**:

- Backend: **Spring Boot**
- Frontend: **Angular**
- Mobile application: **Android (Kotlin)**.

Built a **full-stack employee management system**:

- Frontend: **React**
- Backend: **Spring Boot**
- Database: **PostgreSQL**
- Infrastructure deployed on **AWS (EC2, RDS, S3)** using **Terraform**.

Development of **AI agents** using **n8n**, **Evolution API**, and **Chatwoot**, including integration with **WhatsApp** for **automated customer interaction**.

## **Telecommunications Services Support Engineer**

**Temiandu – Santa Cruz de la Sierra, Bolivia**

December 2021 – November 2022

- Delivered **training sessions and presentations to clients** explaining new product features and functionalities.

- Administration of **Linux servers**, including installation, configuration, and maintenance.
- User, permissions, and service management in **Linux environments**.
- Implementation of **security measures** and monitoring servers with **Nagios**.
- Designed **server clustering architectures** to improve availability and performance.
- Implemented **load balancing and fault tolerance strategies** for server clusters.
- Configuration of **Asterisk VoIP systems**.
- Implementation and configuration of **SIGTRAN solutions** for telecom network communications.
- Administration of **PostgreSQL databases**.
- Performance optimization and tuning of **PostgreSQL databases**.
- Configuration and administration of **Cisco networks**.
- Familiar with **technical regulations and standards in the telecommunications sector**.

## Software Engineer

SwissBytes – Santa Cruz de la Sierra, Bolivia

June 2020 – February 2021

- Provided **support services for Java applications**.
- Development of **Java applications using WildFly and**

**PostgreSQL.**

- Experience with tools: **Jenkins, Git, Notion.**
- Experience with **JSF and JasperReports.**
- Worked using **SCRUM methodology.**

## **Software Engineer**

**Dao Systems – La Paz, Bolivia**

February 2010 – February 2011

- Development of **modules in Odoo ERP.**
- Troubleshooting and **technical support for Odoo systems.**

## **Radio Engineer**

**SSMT – La Paz, Bolivia**

February 2008 – February 2009

- Installation and maintenance of **2G and 3G base stations.**
- Configuration and optimization of **telecommunications systems.**
- Use of technical tools to **identify and analyze optimal base station locations.**

## **Radio Engineer**

**Pesing – La Paz, Bolivia**

February 2007 – August 2007

- Installation and configuration of **satellite antennas** for residential and corporate environments.
- Assembly and alignment of antennas to achieve **stable and high-quality signal reception**.

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## COURSES & CERTIFICATIONS

[Curso de Java Spring](#)

[Expedición: ago. 2021](#)

[ID de la credencial](#)

[55bbd89f-54b2-401e-927e-17084ca28b3c](#)

[Mostrar credencial](#)

[Curso Avanzado de Java SE](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[9f6e4be5-c702-49fc-9941-104e071b017c](#)

[Mostrar credencial](#)

[Curso Avanzado de Java SE](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[9f6e4be5-c702-49fc-9941-104e071b017c](#)

[Mostrar credencial](#)

[Curso Profesional de Git y GitHub](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[82144617-d9cc-4d0f-a509-29345efc1891](#)

[Mostrar credencial](#)

[Curso de Introducción a la Terminal y Línea de Comandos](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[cf6feafa-594f-4fe3-8df3-d9d10a62b47c](#)

[Mostrar credencial](#)

[Curso de Introducción al Despliegue de Aplicaciones](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[12c10925-a5ca-4930-bcbe-ee7d3fe50b4f](#)

[Mostrar credencial](#)

[Curso de PostgreSQL](#)

[Expedición: may. 2021](#)

[ID de la credencial](#)

[481b6e38-f7f0-4984-91bc-f1d586fa7bb1](#)

[Mostrar credencial](#)

[Curso de Hibernate y Java Spring 2018](#)

[Expedición: may. 2020](#)

[ID de la credencial](#)

[df4064fd-c6d5-457a-af55-419684f89e21](#)

[Mostrar credencial](#)

[HIBERNATE Y JAVA SPRING](#)

[Expedición: may. 2020](#)

[Mostrar credencial](#)

[Programacion Funcional con JAVA SE](#)

[Expedición: may. 2020](#)

[Mostrar credencial](#)

[Testing en JAVA](#)

[Expedición: may. 2020](#)

[Mostrar credencial](#)

[Curso de Introducción a Java SE](#)

[Expedición: abr. 2020](#)

[Mostrar credencial](#)

[Curso de Introducción a la Terminal y Línea de Comandos](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Curso de Java SE Orientado a Objetos](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Curso de Java SE Persistencia de Datos](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Curso de Programación Estructurada](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Curso de Programación Orientada a Objetos: POO](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Fundamentos de Bases de Datos](#)

[Expedición: abr. 2020](#)

Mostrar credencial

[Patrones de Diseño de Software y principios de SOLID](#)

[Expedición: dic. 2019](#)

Mostrar credencial

[Curso Básico de Java SE 2018](#)

[Expedición: ago. 2018](#)

Mostrar credencial

[Curso Gratis de Programación Básica](#)

[Expedición: nov. 2017](#)

Mostrar credencial

Curso Profesional de Angular

Código Facilito

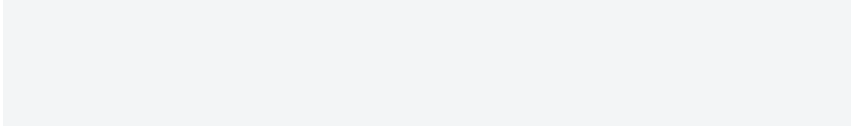
Expedición nov. 2023 · Vencimiento: nov. 2024

# EDUCATION

## **Electronic Engineering**

Universidad Mayor de San Andrés (UMSA)

Aug 2004 – Oct 2010



## • LANGUAGES

- Spanish – Native
- English – Intermediate