



SERGIO RODRIGO CÁRDENAS RIVERA

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PROFILE

Hi, I'm a passionate and dedicated Junior Developer with a solid foundation in programming, web, and mobile development. I bring a blend of technical skills, creativity, and problem-solving abilities to any team. My hands-on experience with modern programming languages, frameworks, and tools has equipped me with the knowledge to contribute effectively to dynamic projects. Eager to apply my coding expertise and collaborative spirit, I am committed to continuous learning and growth within the tech industry.

EDUCATION

Systems Engineering <i>Bachelor Degree Systems Engineering</i> San Simón University	2011 – 2018 Cochabamba, BO
Informatics Engineering <i>Bachelor Degree Informatic Engineering</i> San Simón University	2018 – 2021 Cochabamba, BO
Postgrade in University Education Based on Competencies San Simón University	September 2021 Cochabamba, BO
Master in Data Science & Smart Technologies Oruro's Technical University	Currently Oruro, BO

TECHNICAL SKILLS

Programming Languages: Proficient in Python, Java, JavaScript, Typescript, Visual Basic For Applications
Web Development: HTML, CSS, React, Node.js
Back-end Development: Experience in Flask, Express.js
Database Management: PostgreSQL, MySQL, MongoDB
DevOps & Tools: Knowledgeable in Docker, GIT

WORKING EXPERIENCE

Software Engineer at Oktana Corporation <i>Remote Location</i>	Dec. 2021 - Feb. 2024
Oktana is a Software development agency that helps companies innovate with Salesforce technologies.	
<ul style="list-style-type: none">• Web development with Python using Flask, React, SQLAlchemy, Docker, and Rasa Framework.• Mini projects in Next.js with Typescript, Tailwind CSS, AWS S3 Bucketeer, Heroku, Prisma, and PostgreSQL.• Salesforce demos with Aura and Lightning Web Components.	

PERSONAL PROJECTS

Media Box Player	2018
Mobile application to stream multimedia files for Dropbox storage, developed in Java for Android platform.	
<ul style="list-style-type: none">• Project presented to get Systems Engineering Degree• Model-View-Presenter pattern used to design Software Architecture.• ExoPlayer Google library was used to stream data.• Dropbox API used to connect to the account	

Video Surveillance Smart System

2021

System to home video surveillance to detect fire, smoke, and human silhouette.

- Project presented to get Informatics Engineering Degree
- Camera module to capture video frames and send them to the server.
- Server receives the frames and seeks fire, smoke, and human silhouette in all frames.
- Server sends an alert through email and Whatsapp messages with a caption.
- The client can watch live stream video from the detector camera.
- Pre-trained neuronal network to identify human silhouette.

TEACHING EXPERIENCE

Subject "Computación 1" Teacher Assistant

San Simon University – Science & Technology College

2014 – 2017

Cochabamba, BO

Subject "Introducción a la Programación" Teacher Assistant

San Simon University – Science & Technology College

2015

Cochabamba, BO

Subject "Computación 1" Teacher Assistant on Winter and Summer Courses

San Simon University – Science & Technology College

2015 - 2018

Cochabamba, BO

Instructor - Visual Basic For Applications in Excel

San Simon University – Science & Technology College

2014 – 2018

Cochabamba, BO

Instructor - Microsoft Office

UMSS & Septima División del Ejercito Boliviano

December 2014

Cochabamba, BO

CONFERENCES AND PRESENTATIONS ATTENDED

Java Programming

TEKHNE S.R.L

March 2011

First Look Clinic - What's new in Microsoft Exchange Server 2010

C.O.G.N.O.S.

May 2012

Ley 164 , General de Telecomunicaciones, TICs, Certificacion y Firma digital

San Simón University

September 2012

Los pilares de la generacion de contenidos basados en TICs en Bolivia

San Simón University

September 2012

Alcances y perspectivas del satelite de comunicaciones Tupak Katari

San Simón University

September 2012

2das Jornadas de Seguridad Informatica

Scientific Society of Systems & Informatics – San Simón University

October 2012

3ras Jornadas de Seguridad Informatica

San Simón University

September 2013