



# SERGIO RODRIGO CÁRDENAS RIVERA

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in /in/srodrigo23

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## PROFILE

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Hi, I'm a passionate and dedicated Junior Developer with a solid foundation in programming, web, and mobile development. I'm comfortable learning new languages and tools as required. I have done this before, and I'm sure I will have to do it again. 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

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

## TECHNICAL SKILLS

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**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

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

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<b>Media Box Player</b> Mobile application to stream multimedia files for Dropbox storage, developed in Java for Android platform. <ul style="list-style-type: none"><li>• Project presented to get Systems Engineering Degree</li><li>• Model-View-Presenter pattern used to design Software Architecture.</li></ul>	2018
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- 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

<b>Subject "Computación 1" Professor</b> San Simon University – Science & Technology College	Summer 2024 Cochabamba, BO
<b>Subject "Computación 1" Professor</b> San Simon University – Science & Technology College	Winter 2023 Cochabamba, BO
<b>Subject "Computación 1" Teacher Assistant</b> San Simon University – Science & Technology College	2014 – 2017 Cochabamba, BO
<b>Subject "Introducción a la Programación" Teacher Assistant</b> San Simon University – Science & Technology College	2015 Cochabamba, BO
<b>Subject "Computación 1" Teacher Assistant on Winter and Summer Courses</b> San Simon University – Science & Technology College	2015 - 2018 Cochabamba, BO
<b>Instructor - Visual Basic For Applications in Excel</b> San Simon University – Science & Technology College	2014 – 2018 Cochabamba, BO
<b>Instructor - Microsoft Office</b> UMSS & Septima División del Ejercito Boliviano	December 2014 Cochabamba, BO

## CONFERENCES AND PRESENTATIONS ATTENDED

<b>Java Programming</b> TEKHNE S.R.L	March 2011
<b>First Look Clinic - What's new in Microsoft Exchange Server 2010</b> C.O.G.N.O.S.	May 2012
<b>Ley 164 , General de Telecomunicaciones, TICs, Certificacion y Firma digital</b> San Simón University	September 2012
<b>Los pilares de la generacion de contenidos basados en TICs en Bolivia</b> San Simón University	September 2012
<b>Alcances y perspectivas del satelite de comunicaciones Tupak Katari</b> San Simón University	September 2012
<b>2das Jornadas de Seguridad Informatica</b> Scientific Society of Systems & Informatics – San Simón University	October 2012
<b>3ras Jornadas de Seguridad Informatica</b> San Simón University	September 2013