

# Cristian Ruben Pereyra

Frontend Engineer · Telecommunication Engineer · Privada Domingo Savio University

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## TOOLS AND TECHNOLOGIES

Languages JavaScript · TypeScript · C# · Golang · Python · Java · PostgreSQL · SQLite · MongoDB · MySQL

Frameworks React.js · NodeJS · Next.js · Vue.js · Astro · .NET

Cloud Technologies AWS EC2 · AWS Lambda · AWS SAM · AWS S3 · AWS ECR · Docker

## EXPERIENCE

### Digital Solutions Analyst

Jul 2023 – Present

Banco Nacional de Bolivia BNB, Cochabamba CBB, Bolivia

- Developed and designed full-stack web platforms, focusing primarily on frontend development, with occasional backend integration using cutting-edge frameworks and libraries.
- Leveraged React, Next.js, and Vue.js for modern web solutions, ensuring scalability and performance.
- Led a redesign of the financial platform architecture for improved user experience and operational efficiency.

### Full-Stack Developer

July 2022 – July 2023

Sicomorus SRL, Cochabamba, Bolivia

- Developed AI-powered chatbox solutions for desktop and web applications using Next.js.
- Presented at FexCo 2023, showcasing an e-commerce platform with integrated AI.

### Freelance

Jan 2019 – Dec 2021

- Full-stack development of desktop platforms, leading the design and implementation.
- Worked with JavaScript frameworks like React and Node.js to develop robust financial solutions.

## EDUCATION

### Bachelor of Network and Telecommunication Engineering

Feb 2016 – Oct 2021

Universidad Privada Domingo Savio, Cochabamba, Bolivia

- Excellence Award (Gold Medal) for the highest academic performance (95 GPA).
- Involved in the Institutional Self-Evaluation Process (2018).

Related courses: Feedback Control Systems; Systems and Simulation; Problem Solving and Computers

### Oracle Next Education F2 T5 Back-End

Jan 2023 – Oct 2023

Oracle - Alura LATAM

Completed 34 courses on back-end development covering languages like Java and Spring Boot, databases, APIs, and modern back-end technologies to build scalable and efficient systems.

### Machine Learning

Nov 2020 – Jan 2021

University of Washington

Gained expertise in building, training, and deploying machine learning models, with a focus on linear regression, classification, clustering, and reinforcement learning techniques. Emphasized problem-solving for data-driven projects.

### Machine Learning with TensorFlow

Oct 2020 – Dec 2020

Google Cloud

Developed a deep understanding of machine learning principles using TensorFlow, including supervised and unsupervised learning, as well as neural networks. Applied these concepts to real-world problems in a cloud environment.

### Big Data: Data Acquisition and Storage

Oct 2020 – Oct 2020

Universitat Autònoma de Barcelona

Studied strategies for acquiring, cleaning, and storing large datasets. Covered Hadoop, SQL/NoSQL databases, and data warehousing techniques, allowing for the handling of vast amounts of information effectively.

### Rapid Product Innovation for Emerging Markets

May 2020 – May 2020

Tecnológico de Monterrey

Learned techniques for quickly prototyping and launching innovative products tailored for emerging markets. Focused on agile methodologies and iterative development to meet local needs and drive impactful solutions.

### Frontend Development with React.js

Aug 2019 – Mar 2020

Facebook Developer Circle

Completed a comprehensive course focused on building dynamic web applications using React.js. Gained expertise in React's component-based architecture, hooks, state management, and advanced features like server-side rendering with Next.js.