Carlos Daniel Nina Reynaga

I am a final-year Systems Engineering student at (UCB) with a proven record of accomplishment in **full-stack web development** and **DevOps**. Throughout my academic journey, I have led and contributed to multiple successful projects, receiving commendations for outstanding performance and innovation. I am eager to start my career by working with minimal or no compensation to gain valuable experience and demonstrate my capabilities.

Skills & abilities

Github   Portfolio

Language Proficiency:
English: B2 Level, certified by (UCB)

Frontend Development:
React, Next.js, TypeScript, Tailwind CSS, Vue.js

Backend Development:
Spring Boot (Java), PostgreSQL, MySQL, Express.js

DevOps:
Docker, Jenkins, deploying web applications for optimal performance and reliability using Vercel, Netlify and configured VPS for database and backend systems.

Soft skills

- Collaborative team player with strong leadership skills
- Organized and detail-oriented with good project management capabilities
- Effective communicator with excellent interpersonal skills

Contact Me:

Email
LinkedIn
Location: La Paz, Bolivia

Education

Systems Engineering Student
Bolivian Catholic University (UCB)
January 2020 - Present

- Currently in the final year of studies
- Participated in various internal university projects, including Web Development, Database Management, Software Engineering, and Security
- Skilled in gathering and analyzing client requirements to deliver tailored solutions

Experience

Jr. Full Stack Developer– Thesis Management System
Bolivian Catholic University (UCB)
February 2024 – June 2024 (5 months)
Project Objective: Develop an integrated information system prototype for efficiently managing the thesis workshops for Systems Engineering, facilitating the administration of registrations, tutor assignments, proposal reviews, and student progress tracking.

- **Led a team** of four to develop a comprehensive system currently in production
- Managed both **frontend** and **backend** development tasks using **Next.js** and **Spring Boot**
- Utilized **JIRA** and **Scrum methodologies** over six sprints to ensure efficient workflow and timely deliveries
- Gathered all requirements and discussed with internal clients during sprints to ensure the system met their needs

Backend Developer – Job Fair Platform
Bolivian Catholic University (UCB)
September 2023 – December 2023 (4 Months)
Project Objective: The "Feria del Empleo UCB" project supports students at UCB in their transition from university to the workforce by connecting them with potential employers through a virtual job fair platform. The

platform allows institutions to present themselves and interact with students via video content, social media links, and Zoom meetings.

- Contributed primarily to the **backend system using Express.js** and to the frontend development with Vue.js as a key member of a four-person team
- Successfully delivered the project over the course of four months, **receiving commendation for outstanding performance**

Project Experience:

Smart Park - [IoT Garage System](#):

- **Objective:** Develop an intelligent garage system utilizing ultrasonic sensors, keypad authentication, and a mobile app for real-time management and monitoring.
- **Technologies Used:** Spring Boot (Java Backend), Flutter (Frontend), PostgreSQL (Database), Python (IoT Nodes and Dashboard).
- **Contribution:** Developed backend services, integrated IoT components, and implemented the mobile application.
- **Learning Outcome:** Enhanced my understanding of IoT integration with web applications and real-time data management.

Intelligent Parking Management System with Microservices - [Spring Boot - Cloud](#)

- **Objective:** Optimize parking space management using IoT and AI to reduce search time, minimize traffic congestion, and decrease environmental impact.
- **Technologies Used:** Spring Boot, Spring Cloud, Docker, PostgreSQL, Feign Client.
- **Contribution:** Developed microservices, configured Docker containers, and implemented inter-service communication using Feign Client.
- **Learning Outcome:** Gained practical experience in microservices architecture and cloud-based deployments.