

Luis Ralda

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Software Developer

Solution-oriented | Critical Thinking | Problem Solving

Reliable, quick learner and always looking to find a solution to any given problem. Graduated with a Computer Science degree at Universidad de San Carlos de Guatemala. United Nations technology consultant and the head of the tech department in Club Cash In. Have always loved to tinker and learn new things.

WORK EXPERIENCE

Club Cash In – *Guatemala, Guatemala* December 2024 – Present

Head of Technology

Designing, developing, and deploying microservices. Cloud solutions designer and provisioner

- Design, develop and deploy services and full stack applications in several languages such as Typescript, Python and Go. With frameworks like React and Astro
- Containerize and orchestrate applications using Docker, Kubernetes, Coolify
- Develop and provide data analytics applying modern statistical models with Python.
- Design and manage databases that are performant and well structured, in SQL and NoSQL

United Nations Development Program – *Guatemala, Guatemala* April 2024 – Present

Technology Consultant

Designing, developing, and deploying microservices. Cloud solutions designer and provisioner

- Designed, developed, and deployed a web portal with a comprehensive front-end and back-end architecture, including a user-friendly landing page, a secured admin panel with authentication, and overall system security implementation.
- Design and manage the PostgreSQL database for the Mano a Mano web portal.
- Developed the Mano a Mano FRI app for registering the Mano a Mano interventions in-site and offline.

Funtec – *Guatemala, Guatemala* January 2023 – November 2024

Lead Backend Developer, DevOps Engineer & Database administrator

Designing, developing, and deploying microservices. Cloud solutions designer and provisioner

- Design, develop and deploy Typescript microservices using NodeJs and Bunjs •

Design and develop cloud solutions in GCP and AWS

- Containerize and orchestrate applications using Docker, Kubernetes, ECS and GKE • Design and manage databases that are performant and well structured, in SQL and NoSQL • Manage and lead a small team of developers

Universidad San Carlos de Guatemala – *Guatemala, Guatemala* January 2022 – May 2022

Web Developer

PHP Developer as a part of my college curriculum.

- Create and design responsive web pages for a personnel management system. •
- Develop and deploy fast and efficient scripts for the system back-end.
- Secure and protect the system and the user's privacy.

Freelancing – *Guatemala, Guatemala* 2013 - 2023 **Software developer and IT Consultant**

Troubleshooting, Web Developing and Remote Assistance

- Develop and deploy web solutions using modern frameworks.
- Troubleshoot common IT problems and provide remote assistance.
- Have built, repaired, and dismantled desktop and laptop computers.

EDUCATION

Internaciones School – *Villa Nueva, Guatemala*

Highschool – Bachillerato en Ciencias y Letras con Orientación en computación, November 2016

Universidad San Carlos de Guatemala – *Guatemala, Guatemala* College

– Sciences and Systems Engineering (Feb 2024)

PROFESSIONAL SKILLS

- Can work in both Microsoft Windows and most Linux distros.
- Comfortable working with several programming languages such as Typescript, Javascript, Python, Java, C#, and PHP.
- Intermediate knowledge on Cloud Services such as AWS and GCP.
- Full understanding of the CI/CD cycle.
- Experience working with both SQL and Non-SQL databases, including MySQL, MS SQL Server, Oracle DB, PostgreSQL, MongoDB and Amazon RDS / DynamoDB.
- Basic knowledge on version control and remote repositories such as GitHub and GitLab. •
- Analysis, troubleshooting, and problem solving.
- Excellent communication and teamworking.
- Comfortable working with Agile Frameworks such as Scrum.
- Proficient in leading and managing small development teams, ensuring project alignment

with business objectives and timely delivery.

- Skilled in coordinating and supervising small teams of developers, fostering an environment of creativity, collaboration, and technical excellence.

VOLUNTEER EXPERIENCE

Helping Hands – Escuintla, Guatemala 2013- 2015 Non-Profit Organization

- Volunteered as a translator for medical campaigns done in La Gomera, Escuintla. • Supervised several medical areas to ensure a good understanding between doctors and patients.

LANGUAGE COMPETENCES

- Spanish: native language
- English: C1 (fluent)
- French: A1 (basic)