

Humberto A. Raniolo Infante

(+1) 763-238-6552 | humberto.raniolo@gmail.com | linkedin.com/in/humberto-raniolo-sa4/ | github.com/wololo-aeyoyo

OBJECTIVE

Currently focused on building stable, scalable, and reliable solutions using best practices and design patterns on cloud or on-premise environments, with the goal of improving performance and maintainability.

EXPERIENCE

Reliability Engineer – Observability

September 2023 – March 2025

BestBuy

Richfield, MN

- Improved and maintained observability tools like Splunk, Elastic, Grafana, VictoriaMetrics, and Graphite.
- Contributed to the successful migration of the Splunk Enterprise cluster to the Splunk Cloud solution, this yielded in tens of thousands of dollars in yearly cost savings in licensing fees and server cost.
- Developed a process for generating new indexes within the Splunk Cloud environment. This enabled app teams to not be reliant on the regular 2-week deployment cycle where they would need to engage a manual ticketing mechanism.
- Frequently worked with Terraform, Chef, and Ansible to provision and configure AWS infrastructure.
- Leverage and deployed open-source tooling for network monitoring.

Software Developer – Web Development

February 2023 - May 2023

Accentio Studios

Remote

- Developed a system to manage challenges for the 500 historias app using microservices architecture with NodeJS and NestJS and implemented RabbitMQ as a message broker for asynchronous communication.
- Using Docker to containerize services, ensuring isolation, scalability, and efficient deployment.

Software Engineer – Web Development

2021 – 2023

Credicard Consortium

Remote

- Built REST APIs using Node.js (NestJS), Spring Boot, and SQL databases, connecting to legacy IBM-DB2 systems.
- Leveraged OpenLdap to build user login authentication services that were successfully scaled to handle thousands of concurrent users.
- Set up CI/CD pipelines for Android apps with Flutter, saving 4 hours of manual work per release.
- Designed a scalable prepaid card payment system using Angular, Node.js, and Spring Boot.

Software Developer – Intern

2019-2020

Telefónica

Caracas, Venezuela

- Optimized billing and interconnection systems using C#, Java, Struts 2, and SQL Server, cutting Call Detail Records (CDR) file processing time by 50%.

PROJECTS

[ASM, C++] Digitization of pressure measurements for old lab equipment | *Pic16f887, Arduino* April 2018

- Designed and built a circuit using an Esp8266 and a PIC16F887 to collect data from a tension transducer measuring tensile stress, sending the data to a Google Sheets document and an Android application for visualization.

EDUCATION

UNEXPO - Luis caballero Mejias University

Caracas, Venezuela

Bachelor of Science Systems Engineering

August 2020

TECHNICAL SKILLS

Languages: Node.js, Ruby, Python, Java, C#, JavaScript, HTML, CSS, SQL.

Frameworks: Angular, NestJS, SpringBoot.

Technologies: AWS, Terraform, Chef, Ansible.

Certifications: Splunk Cloud Administration, Splunk Cluster Administration, and Using the Splunk REST API.