Humberto A. Raniolo Infante

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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 – Present

BestBuy — *Richfield, MN*

- Implemented a distributed polling cluster for LibreNMS to efficiently monitor network devices.
- Managed and optimized observability tools like Splunk, Elastic, Graphite, Grafana, and VictoriaMetrics for cloud-based delivery.
- Contributed to the successful migration of the Splunk Enterprise cluster to the Splunk Cloud solution.
- Developed an automated process for generating new indexes within the Splunk Cloud environment.
- Implemented multiple Chef cookbooks to automate application deployment, ensuring consistency, manageability, and idempotency.
- Developed a script to automate the cleanup of outdated and orphaned data in Graphite.

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.
- Utilized Docker to containerize services, ensuring isolation, scalability, and efficient deployment.

Software Engineer – Web Development
2021 – 2023

Credicard Consortium — *Caracas, Venezuela*

- Wrote backend software for web services REST APIs in Node.js using the NestJS framework, SQL databases (MariaDB, PostgreSQL) and Springboot-Java to connect to legacy IBM-DB2 banking data.
- Leveraged OpenLdap to build user login authentication services that were successfully scaled to handle thousands of concurrent users.
- Configured CI/CD workflows for a suite of android apps leveraging the Flutter SDK.
- Engineered a scalable payment processing system for prepaid credit cards utilizing tools such as Angular, Node.JS and Springboot.

Software Developer – Intern
2019-2020

Telefónica Venezolana C.A — *Caracas, Venezuela*

- Optimized software systems used for billing conciliation and interconnections utilizing tools such as C#, Java Struts 2 and SQL Server.

PROJECTS

[ASM, C++] Data conversion for pressure measurement to sent | *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.
Frameworks: Angular, NestJS, SpringBoot.
Technologies: AWS, Terraform, Chef, Ansible.
Certifications: Splunk Cloud Administration, Splunk Cluster Administration , and Using the Splunk REST API.