Erlan Rangel Garro

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EDUCATION

UNIVERSIDAD CENFOTEC
BS, Software Engineering
Expected Dec 2025

UNIVERSIDAD TÉCNICA NA-CIONAL (UTN)
BS, Electronics Engineering
2019 (Completed)

SKILLS

SOFT SKILLS
- Adaptability
- Comunication
- Critical thinking
- Fast learner
- Teamwork

PROGRAMMING
Experienced:
- Bash
- C/C++
- Go
- Java
- Javascript/Typescript
- Lua
- MariaDB
- MySQL
- Python
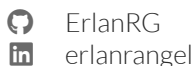
Familiar:
- C#
- Verilog
- VHDL

Frameworks:
- SpringBoot
- ASP.Net
- NextJS
- React

OPERATING SYSTEMS
- Linux
- UNIX

LINKS

- 🔲 ErlanRG
- 🔲 erlanrangel

EXPERIENCE

SYSCO, COSTA RICA | Software Engineer
July. 2024 – present | Lagunilla, Heredia
- CLI & GUI development for the Top-shelf and BT Specialty Meat and Seafood divisions.
- Primarily using a superset of Java (BBj for Business Basic), SQL.

TERADYNE, COSTA RICA | Electronics Supply Line Engineer
May 2017 – July. 2024 | Coyol, Alajuela
- Played an integral role in shaping and optimizing supplier development approaches, proactively driving targeted endeavors with suppliers to consistently enhance their operational performance over the course of my tenure in the supply chain domain.
- Spearheaded initiatives for containment and effective corrective actions, ensuring uninterrupted customer shipments and upholding the highest standards of product quality.
- Responsible for selecting the best market suppliers and passive components and semiconductors based on required technical specifications.

PROJECTS

BLUECPPRINT | CLI utility to create a new C++ projects with a predefined structure.
- Project built in Go.

SEMICONDUCTOR LIFECYCLE SEARCH ENGINE | RESTful API project aimed at facilitating the retrieval of lifecycle information for specific semiconductors.
- Serves as a comprehensive search engine tailored to Teradyne's need.
- Project built using SpringBoot and NextJS.

LAZY RM | Automates data collection and analysis, risk identification, and report generation.
- Python application to streamline the supply chain risk assessment process for Teradyne Inc.
- Reduced time spent by participants in the risk assessment process by 80%.

PORTFOLIO | A curated collection of my work, showcasing skills, projects, and style.
- Contains a brief summary of my skills and projects, but also a bit of my personal information.
- Project built using NextJS.

CERTIFICATIONS

| 2024 | Scrum Fundamentals Certified |
| 2022 | Complete Certified Supplier Quality Professional course. |