

Fernando Aponte Aponte

SOFTWARE ENGINEER

Passionate about technology and problem-solving. Dedicated to driving results and staying ahead in the rapidly evolving tech field. Proven track record in designing and implementing innovative solutions to enhance efficiency and productivity.

Contact

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fernandoaponte.dev

Work Experiences

● Haleon, Guayama P.R.

JUN 2023 - PRESENT

Jr. Automation Engineer

- Designed and delivered automation control systems for production process measurement, control of quality critical attributes and associated critical process parameters, demonstrating strong capabilities in developing data-driven solutions.
- Designed, managed, and executed multiple high value complex automation projects from concept to completion ensuring safety, regulatory compliance, company standards, operational requirements, and business standards.
- Successfully reduced task time from 6 hours to 1 hour for technician tasks in archiving processes by programming an automated FTP script, optimizing processes through innovative data handling and automation.
- Developed validation documentation and managed change control processes for Automation, and manage the design development of project documents, ensuring data integrity and compliance.
- Supported ORS and ALM Global Program providing a whole insight of all equipment managed by automation reducing downtimes by 50%.
- System optimization such as PLC software updates where bug issues were resolved reducing the idle time between batches from 60 minutes to 0.

● JC Automations

FEB 2022 - JUN 2023

Automation Engineer

- Troubleshooting and configuration of PLC, Microsoft SQL, VMware, FactoryTalk and batch related issues on field.
- Documentation Updates and Creation as per Automation viewpoint.
- Supported validations of new systems/equipment, working collaboratively with cross-functional teams to integrate and present data

Web Development Projects

- kapontehealth.com - Developed a health-focused website, created create user-friendly web application that provided valuable information to users.
- albertcarrental.com - Created a web application for a car rental service, designing intuitive user interfaces and implementing front-end best practices.
- fernandoaponte.dev - Built a personal portfolio website, building web apps and interactive visualizations focused on data explanation and exploration.

Education

Bachelor in Computer Science
Interamerican University I San German P.R. **GPA: 3.75**

- Internship:
Multidisciplinary Data Science
Introduction to Data Science gained foundational knowledge in data science, including data analysis with Python, preparing me for building data-driven web applications and interactive visualizations.

Languages

- Spanish
- English

Skills

- Javascript (react, next.js, ts)
- Python (basic)
- VBA
- SQL
- Batch
- PLC
- Historians
- Vizualization
- Integration technologies (Middleware)

Abilities

- Data Visualization
- Front-End Development
- Cross-Functional Coordination
- Strong Problem-Solving
- Continuous Learning