

LOUI RECIO IZAGUIRRE

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WORK EXPERIENCE

LR Solutions

Freelancer

Tamaulipas, Mexico

04/2024 - 02/2025

- Designed and implemented an IoT access control solution integrating Raspberry Pi hardware with Python/Tkinter desktop application and Django web platform. Developed real-time monitoring capabilities and remote management features for enhanced security control.
- Architected an SEO-optimized web application using React and Django REST Framework, achieving #1 Google ranking for target keywords. Implemented responsive design and optimized performance metrics, significantly increasing client acquisition.
- Independently developed and deployed a comprehensive Django-based inventory management system, featuring automated stock tracking, movement history, and alert systems. Successfully led migration from GitLab to GitHub, ensuring continuous system availability.
- Engineered a full-stack business management solution using React and Node.js, integrating payroll, MRO, and sales modules. Implemented Ant Design for UI/UX, delivering an intuitive platform that streamlined accounting and administrative workflows.

Johnson Controls

Software Engineer Intern

Tamaulipas, Mexico

03/2023 - 03/2024

- Led development of an enterprise-wide management system using Blazor, ASP.NET Core, and .NET 8, serving 1,000+ users. Implemented responsive interfaces with DevExpress and Bootstrap, reducing processing times by 45%. Optimized SQL Server and MongoDB databases, improving system performance by 40% and generating annual savings of \$24,000 USD through enhanced efficiency.
- Developed automated reporting solutions using Power BI and Python, cutting report generation time by 80%. Created a WinForms-based production management system that reduced manual processes by 40% and streamlined operations. Solutions contributed to 45% improvement in production line efficiency and significant cost reductions.
- Designed and implemented real-time monitoring and analytics dashboard using .NET 8, C#, Blazor, and Power BI, resulting in a 40-50% efficiency improvement for Johnson Controls and annual cost savings of \$24,000.

Herbalife

Business Intelligence Intern

Remote

01/2023 - 03/2023

- Developed interactive dashboards using Tableau and Python for ETL processes, presenting key business insights to stakeholders. Created data visualizations to analyze customer behavior patterns and KPIs, enabling data-driven decision making. Automated reporting workflows, significantly reducing manual data processing time.

SKILLS

Programming Skills:	Python, C#, Javascript, Rust, Bash / Shell, Php, SQL
Frameworks:	Django, React, .Net 6,8, .Net Framework 4.7.2, Raspberry Pi
OS, Tools, etc.:	MacOs, Linux/Ubuntu, Raspberry Pi's, Windows, Tableau, PowerBi

EDUCATION

Matamoros Institute Of Technology

BS Computer Systems Engineering *GPA: 90/100*

Tamaulipas, Mexico

08/2018 - 12/2023

- Bachelor's in Computer Systems Engineering with specialization in Industry 4.0 technologies, encompassing IoT systems development for smart manufacturing, Big Data analytics implementation for production processes, and industrial cybersecurity protocols. Advanced training in emerging technologies integration for digital transformation and manufacturing optimization.

PROJECTS

My GitHub profile! *Python, Rust, Javascript*

<https://github.com/louire>

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