

Contact

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(Portfolio)

Top Skills

Azure SQL
Vercel
Raspberry Pi

Languages

Spanish (Native or Bilingual)
English (Full Professional)
Italian (Professional Working)

Certifications

Italian Proficiency
Introduction to Project Management
Networking Basics
Web and Mobile Testing with Selenium
Microsoft Excel 2020 Expert

Juan Cisneros

Team Leader - Full-Stack Software Engineer & Team Leader |
Next.js · React · TypeScript · Azure · .NET | Process Automation &
Internal Platforms

Dublin 17, County Dublin, Ireland

Summary

I build and lead the development of internal platforms that make engineering operations faster, smarter, and more scalable. As Team Leader for Design, Development & Process Innovation at Esmark Finch Vehicle Engineering, I own Vehicle Intelligence — a Next.js/TypeScript platform that wraps Microsoft Dynamics 365 Business Central and serves as the operational backbone for the business. My day-to-day spans full-stack development, database administration (MySQL on Azure), workflow automation with Power Automate, and guiding a cross-functional team from idea to production. With 4+ years across the full stack, I care about clean architecture, maintainable code, and solving the real operational problem rather than the one that's easy to ship. Before relocating to Ireland, I worked across software development and QA in Ecuador, which gave me a quality-first instinct I bring to everything I build. Languages: Spanish (native), English (professional), Italian (working). EU citizen, based in Dublin. Always open to conversations about scalable platforms, process automation, and building tools people actually want to use. - Own Vehicle Intelligence, the internal operations platform (Next.js/TypeScript, MySQL on Azure) that tracks production and conversion of specialist emergency vehicles for public-sector and security clients including An Garda Síochána. - Lead a cross-functional team delivering engineering and operational tooling, from production-order tracking to QC dashboards. - Drive automation across the business using Power Automate — including adaptive-card notifications and conditional workflow routing — cutting manual coordination overhead. - Administer and migrate production MySQL databases on Azure, including trigger refactoring and permission auditing across a live system.

Experience

Esmark Finch - Vehicle Engineering

1 year 1 month

Team Leader - Design, Development & Process Innovation

March 2026 - Present (5 months)

Dublin, County Dublin, Ireland

Leading initiatives focused on transforming engineering operations through digital tools, modern development practices, and process innovation. I oversee projects that connect product design, software development, and automation to create more efficient systems and better internal engineering capabilities.

My work centers on identifying operational challenges, designing practical solutions, and guiding teams in implementing technologies that improve productivity, collaboration, and scalability.

Team Leadership & Project Direction

Guide cross-functional teams in the development of internal tools and digital platforms that support engineering and operational workflows.

Digital Product & Platform Development

Oversee the design and development of web-based solutions and engineering tools leveraging technologies such as React, Next.js, Tailwind CSS, Azure Cloud, and Vercel.

Operational Transformation & Automation

Drive initiatives that modernize processes and introduce automation using technologies including Power Automate, Microsoft Business Central, and embedded systems such as Raspberry Pi.

Design, Development & Process Innovation

July 2025 - Present (1 year 1 month)

The Tecpro Building Dublin 17 D17 XD90 Ireland

Contributing to the advancement of digital products, engineering tools, and operational systems by combining product design thinking, software development, and process optimization. My work focuses on improving user experience, enabling efficient engineering workflows, and implementing scalable digital solutions across the organization.

Product Design & Innovation

Support product ideation, prototyping, and user-centered design initiatives to ensure solutions address real engineering and operational needs.

Software Development Collaboration

Collaborate with cross-functional teams to design and enhance internal platforms and digital tools using Next.js, React, Tailwind CSS, Azure Cloud, and Vercel, delivering performant and maintainable solutions.

Operational Process Improvement

Identify inefficiencies in engineering and operational workflows and implement automation and digital improvements using Power Automate, Microsoft Business Central, and Raspberry Pi, helping teams operate faster and more effectively.

Metropolitan Touring

1 year 8 months

Software Developer Analyst

March 2025 - May 2025 (3 months)

Ecuador

Salesforce CRM: Configure and customize Salesforce solutions to support business processes, including automation, reporting, and integration with external systems.

Requirement Analysis: Collaborate with stakeholders to gather and define functional and non-functional requirements.

Solution Design: Propose scalable and maintainable software solutions based on analysis, business needs, and technical feasibility.

Development: Write clean, efficient, and testable code using modern development practices and technologies.

Testing & Quality Assurance: Support unit testing, integration testing, and user acceptance testing to ensure solutions meet requirements.

Documentation: Create and maintain technical documentation, including system architecture, design decisions, and user manuals.

Continuous Improvement: Analyze existing systems and workflows, recommending and implementing optimizations.

Collaboration: Work closely with cross-functional teams including QA, DevOps, UX/UI designers, and product managers.

Quality Assurance Application Analyst

October 2023 - March 2025 (1 year 6 months)

Ecuador

- Designed and executed comprehensive test strategies (manual and automated) across web and mobile platforms, improving defect detection rates.
- Developed and maintained automated test scripts using (Selenium / Cypress / Playwright), reducing regression testing times.
- Collaborated closely with developers, product managers, and UX designers in Agile sprints to ensure early identification and resolution of defects.
- Performed functional, regression, API (Postman, REST), and performance testing to ensure product stability and reliability.
- Managed bug tracking and test case documentation using JIRA, TestRail, and Confluence.
- Participated in continuous integration and deployment pipelines using Jenkins / GitLab CI / GitHub Actions, contributing to faster and more reliable releases.
- Championed a quality-first mindset across teams, facilitating QA onboarding and improving cross-team communication.
- Proactively identified areas for process improvement, leading to the implementation of a risk-based testing approach.

Remax

Web Developer

June 2023 - August 2023 (3 months)

Quito, Pichincha, Ecuador

Construecuador

Information Technology Intern

May 2019 - June 2019 (2 months)

Quito, Pichincha, Ecuador

Education

Maynooth University

Micro-Credential: Leading Digital Transformation in Organisations (5 ECTS), Digital Transformation in Organisations · (November 2025 - February 2026)

Universidad San Francisco de Quito

Computer Science Engineer, Computer Science · (2020 - 2025)

Unidad Educativa Tomás Moro

High School Diploma · (2006 - 2020)