Alexis Perez Villagomez

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SOFTWARE ENGINEERING SKILLS

- **Programming Languages**: Python, JavaScript, PHP, VHDL
- **Frameworks & Libraries**: Symfony, Machine Learning, React
- **Databases**: modifying and testing databases under Linux environments, Automated material tracking systems ensuring accurate database updates and integrity
- **Tools & Platforms**: Git, Bitbucket, Jira, Confluence, Linux, Shopify, Vite
- **Development Methodologies**: Agile collaboration, Feedback-driven iteration
- **Design Approaches**: Backend automation, UI/UX improvements, Full-stack application structure, logic flow, data validation, responsive design
- **Best Practices**: Test and deployment under Linux servers before production, Hands-on use of Bitbucket for version control, PR management, collaborative workflows, Code and process documentation through Confluence, Continuous integration
- **Real-World Problem Solving**: Automated material tracking for shipment and production efficiency, Reduced delays and human error across multiple factory workflows, Saved 3 months of manual work and improved accuracy in Shopify migration
- **Collaboration**: Worked cross-functionally between engineering, warehouse, and product teams, Managed and contributed to codebases using version control and PRs
- **Full-Stack Development & Integration**: Designed end-to-end systems for database automation and material tracking, Customized front-end Shopify layout for enhanced customer experience
- **Soft Skills**: Curiosity, Accountability

PROFESSIONAL EXPERIENCE

Aggressive Soccer   Jan 2025 - May 2025

Streamlined inventory management and enhanced customer experience by redesigning websites and automating data migration processes using robust scripting under Linux, aligning with scalable software practices.

- Migrated over 10,000 products to Shopify by employing automated scripts and Excel techniques, ensuring data integrity and reliability.
- Refined website UI and navigation with seasonal redesigns, improving user experience and demonstrating attention to scalable, maintainable design principles.
- Engineered an automation application that boosted store efficiency by 40% by automating routine tasks, incorporating continuous integration principles and rigorous testing to validate performance.

Harman International   Sep 2023 - Jun 2024

- Developed multiple applications to optimize production logistics by implementing robust software practices, resulting in streamlined operations, reduced downtime, and a 20% improvement in production timelines.
- Optimized warehouse tracking systems by enhancing data integrity measures and reducing serial number mismatches, underscoring a commitment to scalable, fault-tolerant service design.

Education

Universidad Autónoma de Querétaro   Aug 2019 - Jan 2025

Santa Barbara City College   Nov 2021 - Dec 2021