

Osmani “Ozzy” Alegre

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WORK EXPERIENCE

ONE Sotheby’s International Realty | *Laravel, Javascript, Python*

November 2020 – Present

Product Technologist

Miami, FL

- **Created secure data dashboards leveraging the Laravel PHP framework** and data analysis skills to inform upper management of end-user behavior and engagement.
- Wrote various scripts to streamline integration with Okta and optimize user authentication for internal tools **reaching 71% engagement across the organization's customer base and reducing cyber attack surface area.**
- Managed collaboration with external partners to develop a web application that streamlined contact data collection which **enhanced data access, visibility and reduced processing time by 40%.**
- Wrote several scripts to facilitate the **migration of 1,500 users to Microsoft 365** showcasing advanced problem-solving skills and hands-on experience with system migration and data transfer.
- Crafted suite of automation tools to regularly audit and flag under-utilized user accounts and automatically inform IT teams, **reducing user licensing costs by 15%.**
- Deployed Python scripts to simulate phishing attacks and analyze user responses, enhancing security awareness and **lowering our tested phishing rate to 20% among users.**

Alegre Technology Solutions, LLC | *Python, Powershell, Bash*

September 2017 – Present

Founder

Miami, FL

- Developed and **deployed PowerShell, Python, and Bash scripts to automate IT management** tasks, including network configuration and security audits, highlighting exceptional scripting skills and a commitment to operational efficiency.
- Orchestrated and executed a comprehensive network infrastructure migration for **a 50-user accounting firm, including the transition of 2 full racks of networking equipment** and precision re-termination of cables, showcasing advanced technical problem-solving and project management skills.
- Engineered a robust data backup system adhering to the 3-2-1 backup principle for a design firm, leveraging Synology technology to **ensure data integrity and redundancy**, demonstrating expertise in data preservation and disaster recovery strategies.
- Implemented Multi-Factor Authentication (MFA) across an office using DUO, significantly enhancing security measures for Windows logons and showcasing a deep understanding of authentication protocols and cybersecurity best practices.
- Initiated a VPN solution that allowed **10+ employees to securely access critical network resources remotely** during the COVID-19 pandemic, ensuring uninterrupted business operations and maintaining high cybersecurity standards.
- Leveraged bilingual proficiency in English and Spanish to enhance customer service experiences, successfully resolving technical issues for a diverse client base and facilitating smoother communication, which led to a 50% increase in customer satisfaction ratings among Spanish-speaking clients.

EDUCATION

Florida International University

B.S. in Computer Engineering, Minor in Mathematical Sciences

SKILLS & INTERESTS

Technical Skills: Web Development (Laravel, HTML, CSS, JavaScript); User Experience (UX) Design (wireframing, prototyping); Content Management Systems (WordPress, Drupal, Craft); Data Analysis (Excel, SQL, Tableau, Python); Version Control (Git); Data Visualization (Tableau, Matplotlib); Documentation Tools (Notion, Confluence); Selenium; Strategic Thinking; Technical Writing; Native Spanish Speaker