

Jean-Luc Peloquin

(702) 283-4014 | lucpeloquin77@gmail.com | LinkedIn | peloquin.dev

EXPERIENCE

SAHARA Las Vegas

Las Vegas, NV

Automation and Integration Analyst

Feb. 2026 – Present

- Developed proprietary full-stack applications tailored to business workflows, replacing enterprise software and saving \$100,000+ annually in renewal costs
- Designed automation pipelines connecting POS, PMS, and CRM platforms to automate workflows and synchronize data across hotel systems
- Implemented network and infrastructure monitoring dashboards that detect system failures early, enabling observability for IT to resolve issues before they affect users
- Created Azure AI agents enabling natural-language queries across finance, CRM, IT systems and documentation, and live casino and hotel systems
- Introduced a purchasing agent that centralized departmental quote collection and purchase status tracking, reducing leadership's administrative workload during a project manager transition

ROI Assets Group / Kitchen Bath LV / Desert Horizon Realty

Las Vegas, NV

Software Engineer

Oct. 2025 – Jan. 2026 (Full-Time), Feb. 2026 – Present (Freelance)

- Built and integrated automation solutions, reducing manual data extraction and reporting by 90%
- Constructed a system for extracting property leads (data) from messages/emails, processing 50+ properties daily, appending with relevant information from MLS and other sources, and reducing manual entry time by 80%
- Developed a full-stack web app with AI-powered chat interface that generates Las Vegas area property comps using training data from experienced realtors, increasing offer generation speed by 70%
- Designed and integrated a modern, lightweight Wordpress/HTML site for a new business venture; led technological bizdev of contracting business, capturing upwards of 50+ leads a week via SEO and digital marketing strategies

Las Vegas Sands Corp.

Las Vegas, NV

Jr. Automation Engineer

Sep. 2025 – Oct. 2025

- Built Golang microservices (including unit and functional tests) for iGaming products
- Designed and wrote 100+ robust end-to-end integration tests in Go for backend services
- Restructured and refactored legacy code to improve readability, modularity, and maintainability
- Led the development of JIRA automation tools to streamline the server deployment and approval pipeline
- Implemented an Azure AI solution to analyze deployment logs and automatically generate server reports

Server Engineering Intern

Jun. 2025 – Aug. 2025

- Led the backend technical strategy for a cross-functional intern capstone project of creating a new iGaming concept in line with the SDS portfolio, including engineering the prototype and authoring design documentation

Apple

Las Vegas, NV

Technical Specialist

July 2024 – June 2025, Oct 2025 – Jan 2026

- Conducted technical support and repairs for hardware and software issues across the Apple ecosystem
- Maintained a 4 Session per Queue Hour average (goal 3.2), 95%+ customer rating score over tenure in role

PROJECTS

Automatic Music Transposition

Python (*TensorFlow*, *NumPy*, *Librosa*), C++ (*JUCE*), MusicXML

- Collaborated with a team to engineer a specialized application that leverages transformer-based machine learning models and advanced waveform analysis for automatic music transcription from audio files
- Implemented the MT3 framework (*TensorFlow*) and ScoreTransformer to transcribe user-selected audio files into MusicXML format with the option to export as MIDI, utilizing the JUCE framework for UI and file handling

TECHNICAL SKILLS

Languages: Python, C++, Go, Java, Shell Scripting

Cloud & DevOps: AWS, Azure AI Foundry, JIRA Cloud, Salesforce, Google Cloud, Docker, GitHub

Databases & Visualization: SQL (Postgres), BigQuery, Tableau, Power BI

AI / Developer Tools: Codex, Claude Code, omp, Ollama, LM Studio Copilot Studio, VS Code/Cursor, Openclaw

EDUCATION

University of Nevada, Las Vegas

Las Vegas, NV

Bachelor of Science in Computer Science — 3.5 GPA

- **Honors:** Provost's Scholarship (2020-2024), Ralph Dippner Scholarship (2023), Gilman and Bartlett Scholarship (2022), Howard R. Hughes College of Engineering Scholarship (2021), Dean's List (2020-2021, 2023-2024)