Jose Luis Sicajan

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EXECUTIVE SUMMARY

With nine years of experience, I have developed and deployed applications in finance, healthcare, real estate, food & beverage technology, and GIS platforms. Driven by a passion for innovation, I adapt swiftly to diverse projects, languages, and tools.

FUNCTIONAL EXPERTISE

- **Python & JavaScript**
- **Infrastructure as Code & Automation (Terraform, CI/CD)**
- **Relational & NoSQL Databases**

- **AWS & GCP**
- **Cloud Orchestration (Docker, Kubernetes, Helm)**
- **ETL & Data Pipelines (Snowflake, Airflow, FME)**

FUNCTIONAL EXPERTISE DEMONSTRATED

TRICURA INSURANCE GROUP

Oct 2024 – Present

An insurance firm leveraging cloud technology and data analytics to enhance risk management and optimize healthcare insurance solutions.

Software and Data Engineer

Focused on backend development and data engineering to enhance system efficiency and scalability.

- **Data Engineering:** Designed and deployed ELT/ETL pipelines with Snowflake, Apache Airflow, and AWS
- **API Development:** Developed and maintained FastAPI-based services for seamless integration with third-party platforms.
- **Automation & Optimization:** Integrated FastAPI with HubSpot, streamlining operations and automating workflows.

TELUS International

Oct 2019 – Oct 2024

A global communications and IT services company with over 106,000 employees, generating more than $20 billion in annual revenue, and serving clients worldwide.

Senior Software Engineer

Developed and maintained a Web and Mobile GIS Platform supporting critical operational processes for telecom infrastructure, including cable plant locates, field tech operations, and construction. Managed Linux-based servers for data ingestion, automation, and cronjob scheduling, optimizing system reliability and performance. Designed to work both online and offline for thousands of users, providing a detailed view of above- and below-ground network data.

- **GIS Developer:** Built and maintained GIS applications to optimize telecom infrastructure planning, improving data accessibility and visualization.
- **Data Analytics:** Developed ETL pipelines using GeoKettle and FME for spatial data processing, enabling real-time insights for field teams.
- **Integration & Automation:** Automated ETL workflows to migrate data from various SQL databases (Oracle, PostgreSQL, MySQL, T-SQL) and CSV files into PostgreSQL, implemented cronjobs for scheduled data loads, optimized Linux servers for ETL tasks, and integrated GeoServer APIs for real-time mapping services.

VITAL INTERACTION

Jun 2018 – Aug 2019

A healthcare technology company specializing in patient engagement and workflow automation, helping medical practices improve communication, streamline operations, and optimize business performance through data-driven solutions.

Software Developer

Developed and maintained backend applications supporting healthcare automation solutions, integrating Django with Twilio for automated calls and messages to improve patient follow-ups.

- **Django Development:** Engineered a healthcare management platform for US-based health practices, ensuring efficiency in appointment scheduling and patient engagement.
- **Real-Time Systems:** Developed a real-time task management system with Firebase, allowing synchronized updates for medical teams.
- **Cloud Storage Optimization:** Managed AWS S3 storage using Boto3, configured Vagrant for consistent development environments, and maintained Linux servers for system stability.

LIONMANE SOFTWARE

Nov 2016 – May 2018

A software development company specializing in AI-powered solutions, custom web applications, and automation tools to optimize business operations and improve efficiency.

Software Developer

Developed and maintained web applications for US-based clients, handling cloud infrastructure, database migrations, and system optimizations.

- **Backend Development:** Built scalable applications with Python (Flask, Django) and PHP (Laravel, CodeIgniter).
- **Database Management:** Managed and optimized MySQL, MongoDB, and Redis databases, ensuring high performance and reliability.
- **Cloud & DevOps:** Configured and deployed applications on AWS EC2, migrated RDS databases, managed S3 storage, and optimized Apache/Nginx web servers for high availability.

VELFASA

Nov 2015 – Oct 2016

A Guatemalan software company providing cost-effective ERP and CRM solutions for banking.

Software Developer

Developed and maintained ERP and CRM platforms

- **ERP Development:** Design, and deployed ERP-CRM solutions for banking institutions using Odoo v8, with Python, PHP - Symfony and PostgreSQL to enhance operational workflows and financial management.

EDUCATION

Bachelor of Information Technology. Illinois Tech (Coursera)

Astronomy and Astrophysics. University Galileo (Guatemala)

Science and systems engineering. University Mariano Galvez (Guatemala)

Computer Expert. KINAL (Guatemala)

Additional Professional Development:

- Scrum Master Certified (Cert. #RSM-2886135) - Scrum Inc (2021)

OTHER RELEVANT INFORMATION

Additional Languages: Spanish (Native), French (Beginner)

Technical Skills: GitHub, Bitbucket, JIRA, HubSpot, Heap, SendGrid, Twillio, Stripe and PyCharm

Freelance Platforms: Upwork