



# **Data Engineering & Analytics Lead**

# **SIMON RENAUD**

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## **Professional Summary**

Canadian-born Analytics and Data Engineering leader, based in Ho Chi Minh City, with 10+ years of experience across Southeast Asia and Latin America. I specialize in transforming complex data into actionable insights that improve accuracy, accelerate decisions, and boost operational efficiency. My background spans healthcare and tech startups, where I have built scalable data solutions ranging from engineering pipelines to governance frameworks. Recognized for bridging technical expertise with business strategy, I foster cross-functional collaboration to unlock data's full potential. Passionate about innovation and continuous improvement, my mission is to deliver lasting business value through human-centered, data-driven solutions.

## **Core Competencies**

### **Personal Skills**

- **Team Leadership:** Led teams of 50+, reducing project timelines by 30% through effective coordination and mentorship
- **Technical Communication:** Translated complex data concepts into actionable insights, ensuring cross-functional alignment and clear communication
- **Problem Solving:** Developed scalable solutions that increased productivity by 50%, demonstrating an initiative-taking approach to challenges
- **Adaptability:** Thrives in multicultural environments, an understanding of Vietnamese culture to navigate diverse workplaces
- **Strategic Thinking:** Aligns technical solutions with long-term business goals, ensuring data initiatives directly drive organizational success

### **Technical Skills**

- **Data Engineering & Warehousing** (Python, SQL, ETL, Redshift, PostgreSQL, MySQL)
- **Cloud Infrastructure & DevOps** (AWS, Azure, Hetzner, CloudWatch, Grafana)
- **Data Governance** (Data quality frameworks, Master Data Management)
- **APIs & Integration** (RESTful APIs, system integration, scripting)
- **Data Science & Visualization** (Power BI, Excel, Metabase, Pandas, Matplotlib, Seaborn)
- **DevOps & Monitoring:** CloudWatch, Grafana
- **Version Control & CI/CD :** Git, GitHub Actions
- **Hyperautomation:** Workflow automation & process optimization

## **Work Experience**

**MANAGEMENT CONSULTING SPECIALIST-** Independent, Vietnam, Ho Chi Minh City December 2025 -

*Hired to implement scalable processes and governance frameworks for digital transformation initiatives at a regional startup*

- Oversaw multi-stream innovation programs covering SaaS platforms, mobile apps, and emerging technology pilots
- Deployed IoT-enabled mobile solutions linking wearable devices to secure cloud analytics platforms

- Managed cross-functional Agile squads (UX/UI, development, data engineering, QA) using JIRA for sprint planning, backlog grooming, and velocity tracking, ensuring on-time delivery
  - Collaborated with C-level executives on project scope definition, regulatory compliance, and strategic technology roadmaps
  - Established governance frameworks, API lifecycle management, and risk mitigation strategies to enhance product reliability and scalability

**ENTERPRISE DATA SCIENCE LAB IMPLEMENTATION** - Independent, Vietnam, Ho Chi Minh City  
March 2024 -

*Building low-cost, scalable server infrastructure for enterprise-level data operations*

- Built a high-availability Proxmox VE platform on Hetzner with ZFS and automated backups, enabling failover for Dockerized Moodle LMS and analytics
  - Developed AI-driven CRM analytics and automated ELT jobs (Python/SQL, GitHub Actions), reducing reporting time by ~50% and improving client-tracking accuracy.
  - Deployed a production Moodle LMS with custom themes and integrated services, containerized via Docker/Compose and secured with SSH ProxyJump.
  - Set up observability with Grafana and Prometheus, monitoring platform health, pipeline SLAs, and storage capacity.
  - Designed encrypted, scalable backup strategy using Restic with offsite Hetzner replication, strengthening security and compliance

**CYBERSECURITY ANALYST- IPSIP**, Vietnam, Ho Chi Minh City      Apr 2024 – Jul 2024

*Annual Turnover: \$50 million | Team Size: 50 employees (Vietnam) | Operations: Global*

- Provided technical support and troubleshooting for clients utilizing Wallix Bastion and Access Manager, a leading privileged access management (PAM) solution
  - Analyzed system logs to identify and resolve complex security issues, ensuring optimal performance and security posture
  - Advised clients on best practices for securing their IT infrastructure and mitigating potential cyber threats

LEAD DATA ENGINEERING & ANALYTICS - Iio Health, Vietnam Jan 2022 - Feb 2024

**Annual Turnover: \$75 million | Team Size: 500+ professionals (Vietnam) | Operations: Country-wide-Vietnam**

- Coordinated a multidisciplinary team of 50+ professionals, delivering data-driven projects under the guidance of the CTO, improving project delivery timelines by 30%
  - Automated core business processes with Python, reducing manual workload by 80% and increasing operational efficiency by 60% and saving \$100,000 USD annually
  - Spearheaded the migration to the Odoo ERP system, enhancing data quality by 50% and streamlining business processes
  - Architected and implemented enterprise-wide ETL processes and data warehouse architecture supporting 3x growth

**ANALYTICS ENGINEER** | POC Pharma, Vietnam Nov 2019 - Sep 2021

Annual Turnover: \$34 million | Team Size: 100 + professionals (Vietnam) | Operations: Country-wide - Vietnam - Indonesia

- Designed foundational data models for 20K users, 60 suppliers, and 10K products, resulting in more accurate data reports and faster business insights
  - Developed KPI dashboards supporting data-driven decisions that resulted in a 15% increase in sales over 12 months

- Led the DevOps transformation, increasing inter-team productivity by 50% through streamlined processes and collaboration

**DATA SCIENCE CONSULTANT** | Sanisphere, Hong Kong Jan 2018 - Nov 2019  
*Annual Turnover: \$34 million / Team Size: 150 + professionals / Operations: Southeast Asia and Africa*

- Delivered strategic data initiatives, resulting in a 25% increase in client market share through targeted and business insights
- Implemented data governance policies, improving data accuracy by 50% and reducing operational inefficiencies across data systems

**TECH & EDUCATOR** | Humanis, Canada & C.I. de Mexico Jun 2015 - Jul 2017  
*Delivered interactive learning experiences in Social Humanities and Geography, incorporating GIS and spatial database knowledge*

- Facilitated classes on Geographic Information Systems (GIS) and Digital Elevation Models (DEMs)
- Developed course content with tools like ArcGIS, QGIS, enriching the academic curriculum with practical geospatial skills

**RESEARCH ASSISTANT (M.SC. THESIS)** | Laval University, Canada Sep 2014 - Aug 2016  
*Research Chair of Attractiveness and Innovation in Tourism, analyzing geographic markets and customer behaviors*

- Pioneered geospatial customer analysis to derive actionable marketing insights, informing strategic location selection and campaign strategies
- Leveraged advanced Geospatial Customer Segmentation using demographic, psychographic, geographic, and behavioral data for targeted marketing initiatives

## **Education**

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**M.SC. IN GEOGRAPHY** - *Geomarketing & Geographic Information Science* - Laval University, Canada 2014 - 2015  
 Reputed for GIS, big data, machine learning, and spatial analysis. Leveraged Laval's expertise in AI

**B.SC. IN GEOGRAPHY** - *Geographic Information Science* Laval - University, Canada 2010 - 2013  
 Research departments Specialization in Geographic Information Science Emphasized spatial data analysis and multiphysical mathematical modeling. Benefited from research integration with Laval's Big Data Research Centre (BDRC)

**SSVD MECHANICS** - College Aviron, Canada 2008 - 2009  
*Automobile Mechanics*

## **Languages**

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French (Native) | English (Fluent) | Spanish (Professional)