SIMON RENAULD

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PROFESSIONAL SUMMARY

Strategic analytics leader with 15+ years driving business transformation through data innovation. Proven track record building high-performing teams, implementing scalable AI/ML solutions, and delivering measurable ROI in healthcare, government, and corporate sectors. Expert in cloud architecture (AWS, GCP, Azure), advanced analytics, and cross-functional leadership across APAC and North American markets.

CORE COMPETENCIES

- AI/ML Strategy & Implementation
- Data Architecture & Engineering
- Cloud Solutions (AWS, Azure, GCP)
- Team Leadership & Development
- Healthcare Analytics & BI
- Predictive Modeling & Forecasting
- ETL/ELT Pipeline Development
- Stakeholder Engagement
- Agile Project Management
- Data Governance & Security

PROFESSIONAL EXPERIENCE

Director of Data Analytics & Engineering | **Jio Health** | *2022 – Present*
- Lead 15-member analytics team delivering enterprise BI, predictive modeling, and cloud data solutions across Vietnam
- Architected AWS-based data lake processing 2M+ patient records, reducing query times by 60%
- Implemented ML models for patient churn prediction (85% accuracy) and treatment outcome forecasting
- Established data governance framework ensuring HIPAA/GDPR compliance across all systems
- Developed executive dashboards driving $2M+ in operational cost savings through resource optimization

Senior Data Consultant | **Freelance / Contract** | *2020 – 2022*
- Delivered 12+ analytics projects for healthcare, fintech, and government clients across APAC region
- Built real-time streaming pipelines using Kafka, Spark, and Snowflake for financial transaction monitoring
- Designed PowerBI dashboards for Canadian government agencies, improving decision-making efficiency by 40%
- Mentored junior data engineers and analysts, establishing best practices for code quality and documentation

Research Scientist & GIS Analyst | **Laval University** | *2015 – 2020*
- Conducted spatial analysis and machine learning research on environmental datasets (10TB+)
- Published 8 peer-reviewed papers on geospatial modeling and climate prediction algorithms
- Developed Python-based geospatial tools adopted by 200+ researchers internationally
- Secured $500K+ in research funding through competitive grant applications

EDUCATION

Master of Science in Geography (Geomatics & Remote Sensing)

Laval University, Quebec, Canada | 2013 – 2015

Bachelor of Science in Geography

Laval University, Quebec, Canada | 2010 – 2013

KEY ACHIEVEMENTS

- Reduced data processing costs by 45% through cloud infrastructure optimization (AWS, Databricks)
- Increased team productivity 30% by implementing CI/CD pipelines and automated testing frameworks
- Awarded 'Innovation Leader of the Year' at Jio Health for AI-driven predictive analytics platform

LANGUAGES

English (Fluent) | Vietnamese (Basic) | French (Native)

TECHNICAL SKILLS

Python, R, SQL, Scala | TensorFlow, PyTorch, Scikit-learn | AWS (S3, EC2, Lambda, Redshift), Azure (Data Factory, Synapse), GCP (BigQuery) | Databricks, Snowflake, Apache Spark | PowerBI, Tableau, Looker | PostgreSQL, MySQL, MongoDB | Docker, Kubernetes, Git, Airflow