

Eric Lagacé

Data Science and Analytics Professional

San Ramon, CA - (415) 595-9887

eric.lagace@gmail.com

www.linkedin.com/in/ericlagace

SUMMARY

- Experienced data science professional with a track record of building successful analytics platforms in multiple industries, including ocean shipping, HR management, e-commerce, healthcare and manufacturing.
 - Highly skilled at working with business stakeholders, software engineers, and executive management in order to fully understand the business problems and deliver effective data solutions.
 - Experienced manager building and developing high-performing analytics teams using onsite and remote resources.
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PROFESSIONAL EXPERIENCE

BI Architect

Navis LLC, Oakland, CA 2014 to present

- Hired to design, build and operate a new cloud-based analytics platform in the ocean shipping industry.
- Collaborate with product managers, UX designers, software engineers and prospective customers to design a complete solution that quickly answers business questions.
- Build a flexible data processing workflow that integrates data from multiple cloud sources.
- Create reports, dashboards, ad hoc analysis and models to identify patterns and deliver information to users.
- Negotiate pricing and agreements with vendors and partners.
- Build decision support tools and models for management and customers.

BI Architect

TriNet Group, Inc., San Leandro, CA 2013 to 2014

- Hired into a newly created department to deploy an enterprise-wide analytics platform.
- Engaged with stakeholders from multiple departments to identify KPIs and data requirements.
- Designed the Matrix reporting platform to integrate data from Accounting, Finance, Risk Management, Sales, Corporate HR, Operations.
- Improved accuracy and performance of calculations for the Finance planning and forecasting process.
- Built a process for calculating and reporting on broker commissions to support key partnerships for the Sales organization.

Senior Manager, Data Integration *(same position as Kodak Imaging Network, which was acquired by Shutterfly)*

Shutterfly, Inc., Redwood City, CA 2012 to 2013

- Hired to manage the delivery of data services for the Finance department.
- Coordinated the work of a team of database developers, report developers, and business analysts to improve the performance and business value of existing reports and metrics.
- Improved reliability of daily Finance reports in preparation of high-volume Q4 season. Identified and corrected discrepancies between metrics. Created additional reports to track the discrepancies.
- Integrated data from a mobile app into the data warehouse, and created management dashboard and reports to track the performance of the app. Moved historical data from cloud database into enterprise data warehouse.

PROFESSIONAL EXPERIENCE *(continued)*

Senior Manager, Enterprise Reporting

Kodak Gallery, Emeryville, CA 2004 to 2012

- Hired to manage the Enterprise Reporting Group, providing analytics and data services for the whole company.
- Built the highly successful Pulse business reporting platform, integrating data from 10 systems and processing hundreds of million of data records daily.
- Established and managed the methods to efficiently process 320 tables of source data and publish 80 business reports daily to users in US, Canada and Europe.
- Negotiated pricing and agreements with hardware and software vendors and service providers.

SKILLS AND EXPERTISE

Data Warehouse Design and Architecture: dimensional modeling, facts and dimensions, star schema, slowly changing dimensions, aggregates and summaries, horizontal partitioning.

Cloud Computing: leverage EC2, RDS, ELB, S3, Route 53, EBS, EFS, Glacier, EIP, Redshift, Quicksight, CLI, AMI, Security Groups, and other services within Amazon Web Services (AWS) to accelerate and simplify the deployment of new servers and data products while controlling access. Currently using the Birst cloud-based analytics platform as the central component of a complete analytics environment. Experience with Snowflake.

Data Science / Business Analytics: highly skilled at working with business users and stakeholders to identify and understand requirements, translate into metrics and data elements, perform data profiling, work with software engineers to determine the best source for the data, and use methodical approach to set project priorities.

Data Engineering: use best-of-breed approach to ETL and data processing to optimize performance and lower costs. Extensive experience combining Python, SSIS, SQL and shell scripting into custom solutions. Good experience with Oracle Data Integrator (ODI), Informatica, and DataStage.

SQL Programming: expert-level programming of ANSI SQL using Microsoft SQL Server, PostgreSQL, Oracle, Sybase IQ, Sybase ASE, Redshift, Snowflake, MySQL. Efficiently writing optimized queries to store, process and retrieve data.

Business Intelligence / Business Reporting: extensive experience using Birst, Business Objects, Crystal Reports, Cognos, OBIEE/Hyperion, Microstrategy. Experience with Looker and Periscope.

Large Data Volume: extensive experience managing and using multi-terabyte data sets, programming efficient database queries and scripts, and optimizing data processing resources. Extensive experience using columnar databases.

Management: grow, develop and manage successful data engineering teams, manage on-site and offshore resources (developers, support and staff augmentation), negotiate and manage relationship with vendors and partners.

EDUCATION

B.Sc. Computer Science

Université de Montréal

Montreal, Canada

Electrical Engineering

École Polytechnique de Montréal

Montreal, Canada