Data Engineer

The Organization

In March 2020, Opportunity Fund, the country’s leading nonprofit small business lender, and the Accion U.S. Network, the U.S. affiliate of global nonprofit Accion that has led a nationwide network of community lenders since 2011, combined efforts to form Accion Opportunity Fund/Opportunity Fund.

The nation’s 30 million small business owners often lack access to affordable credit from responsible lenders offering attractive loans and services. Industry estimates suggest that there is an $87 billion annual market gap in loans less than $100,000 for Main Street entrepreneurs. Addressing this gap can ensure that small business owners can sustain their enterprises; drive job creation; and stimulate regional economies through increased wages, spending and tax revenue.

Leveraging the strengths of both organizations, Accion Opportunity Fund will spearhead the development of a national microlending strategy to meet the credit needs of small businesses – developing new products, establishing new partnerships, promoting research and financial education, and leveraging digital technologies and data analytics to support mission-driven lending.

Opportunity Fund remains as an independent Community Development Financial Institution (CDFI) focused on expanding its lending and advisory services in California and other markets in the US. Our mission to drive economic mobility by delivering affordable capital and responsible financial solutions to determined entrepreneurs and communities.

The Role:

Report to the VP, Technology & PMO, we are looking for a savvy Data Engineer to join our growing team of analytics experts. The hire will be responsible for expanding and optimizing our data and data pipeline architecture, as well as optimizing data flow and collection for cross functional teams. The ideal candidate is an experienced data pipeline builder and data wrangler who enjoys optimizing data systems and building them from the ground up. The Data Engineer will support our software developers, database architects, data analysts and data scientists on data initiatives and will ensure optimal data delivery architecture is consistent throughout ongoing projects. They must
be self-directed and comfortable supporting the data needs of multiple teams, systems and products. The right candidate will be excited by the prospect of optimizing or even re-designing our company’s data architecture to support our next generation of products and data initiatives.

**Key Responsibilities/Accountabilities:**

- Optimizes data warehouse performance by identifying and resolving production and application development problems.
- Act as Data Steward, ensuring Data Governance best practices with developers. Helps investigate and resolve data anomalies including data quality issues and ambiguous data definitions. Recommends data integrity checks and controls to ensure data quality.
- Defines data/information architecture standards, structure, attributes and nomenclature of data elements, and applies accepted data content standards to technology projects.
- Develop data retention practices and system lifecycle for the organization.
- Hands-on ability to set up reporting tools and build reports and ad hoc functionality, giving users access to their data.
- Experience with master data management, data governance, data security, data quality and related tools desired.
- Create and maintain optimal data pipeline architecture.
- Assemble large, complex data sets that meet functional / non-functional business requirements.
- Identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.
- Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using SQL and AWS ‘big data’ technologies.
- Build analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency and other key business performance metrics.
- Work with stakeholders including the Executive, Product, Data and Design teams to assist with data-related technical issues and support their data infrastructure needs.
- Keep our data separated and secure across national boundaries through multiple data centers and AWS regions.
- Create data tools for analytics and data scientist team members that assist them in building and optimizing our product into an innovative industry leader.
- Work with data and analytics experts to strive for greater functionality in our data systems.
The Person:

Highly qualified candidates will share Opportunity Fund’s commitment to its mission and will embody the organization’s core values bringing a broad range of skills and experience including (and not limited to):

- Advanced working SQL knowledge and experience working with relational databases, query authoring (SQL) as well as working familiarity with a variety of databases.
- Experience building and optimizing data pipelines, architectures and data sets.
- Experience performing root cause analysis on internal and external data and processes to answer specific business questions and identify opportunities for improvement.
- Strong analytic skills related to working with unstructured datasets.
- Build processes supporting data transformation, data structures, metadata, dependency and workload management.
- A successful history of manipulating, processing and extracting value from large disconnected datasets.
- Strong project management and organizational skills.
- Experience supporting and working with cross-functional teams in a dynamic environment.
- We are looking for a candidate with 5+ years of experience in a Data Engineer role, who has attained a degree in Computer Science, Statistics, Informatics, Information Systems or another quantitative field. They should also have experience using the following software/tools:
  - Experience with relational SQL and NoSQL databases, including DynamoDB.
  - Experience with data pipeline and workflow management tools, including CDATA.
  - Experience with AWS cloud services.
  - Experience with object-oriented/object function scripting languages: Python, Java, C++, Scala, etc.

Perks & Benefits:

Our mission is what motivates us to come to work each day. We know that happy employees are productive employees, which is why we offer a comprehensive benefits package that includes:

- Competitive salary commensurate with experience.
- An environment that values work-life balance.
• 100% company-funded Medical, Dental, Vision, Life & Disability coverage for employees. Family coverage is also available
• Tax deferred & Roth 403(B) retirement plan with employer contribution
• Paid vacation (increased with tenure), holiday, sick, and family leave days

To Apply:

Interested candidates should click here to apply to the job online.

Diverse candidates are encouraged to apply.

Opportunity Fund is an Equal Opportunity Employer. www.opportunityfund.org