

SEAN COYNE

MANAGER, DATA ENGINEERING

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in @seanmartincoyne

📍 San Francisco, CA

PROFILE

Experienced data engineering manager leading a team of 7 with a demonstrated history of improving implementation speed and data quality.

- 10 years data engineering experience
- 4 Years management experience
- Big data pipelines: PySpark, Python, SQL, Airflow, AWS Cloud
- Near real time pipelines: API Gateway, Firehose, Lambda
- Project management: PMP + Certified Scrum Master

EDUCATION

Master of Business Administration

Cleveland State University
Cleveland, Ohio

Bachelor of Science

Aviation Management
Kent State University
Kent, Ohio

SKILLS

// Professional
Management of Engineers
ELT / Big Data Pipelines
Near Real Time Streaming
Mentor / Coach
Project Management
KPI / OKR Execution

// Technical
SQL | Redshift | SparkSQL
Python | Scala | C#
Airflow | Spark | Bash
Git | Docker | K8s | AWS Cloud
Scrum | Process Improvement

CERTIFICATIONS

- AWS Certified Developer
- AWS Certified Machine Learning
- Databricks Certified Developer Spark 3.0
- Confluent Certified Developer: Kafka
- Certified Scrum Master
- Project Management Professional (PMP)
- Certified Information Systems Security Professional (CISSP)

PROFESSIONAL EXPERIENCE

MANAGER, DATA ENGINEERING *GoodRx | San Francisco, CA | 2020 - Present*

- Built high performing team from scratch including recruiting, hiring, onboarding, training and project delegation. Created robust implementation framework for rapid development.
- Managed a team of 6 data engineers to build batch and near real time data processing pipelines delivering \$4M+ annual increase in revenue.
- Led team to build identity resolution, audience selection and attribution data products and services providing holistic online and offline customer activation and analysis.
- Drove Integrations with Salesforce, Liveramp, Segment, Facebook And Google Ads APIs.

PRINCIPAL DATA ENGINEER *GoPro | San Mateo, CA | 2019 -2020*

- Spearheaded the ideation and creation of the first customer data warehouse enabling a 200% increase in email engagement using Spark, Scala and Airflow.
- Designed and built data models for optimal extraction, transformation, and consumption of camera, app, email and marketing data using SQL, Python and Scala which is currently used by six+ teams and 75% of the product and marketing org for their business reporting.
- Devised multiple data models tables to solve business problems resulting in a 30% reduction in processing time and a 2x improvement in team efficiency.

LEAD DATA ENGINEER *Nuna Health | San Francisco, CA | 2017 -2019*

- Built new AWS hosted data pipeline using Scala, Python reducing processing time by 20%.
- Mentored, coached, and trained a team of six in SQL, Python, Scala, Git as well as Scrum and SDLC best practices. Built and launched a custom 120 day Scala training program.
- Identified and tested the opportunity to improve code flexibility via Spark tuning and Scala conversion. Achieving a 45% increase in data pipeline speed led to Scala being adopted.
- Implemented multi-sprint management process to aide in planning and prioritizing workload across five workstreams, resulting in a 16% sprint velocity improvement.

DIRECTOR, NEW PRODUCT DEVELOPMENT *Foxbrim | Austin, TX | 2017*

- Managed 4 FTEs, supervised entire product portfolio including new product development across two brands in addition to scaling of 32 existing products globally.
- Grew sales volume by 25% by creating and implementing SOPs for new product development, hiring, onboarding, marketing, project and inventory management.

ASSOC DIRECTOR, DATA PIPELINE IMPLEMENTATION *The Advisory Board | Austin, TX | 2014 -2017*

- Managed 1 FTE, coached and trained team of 30 on SQL, SVN and best practices.
- Managed E2E onboarding process for 30 clients, generating \$9MM in contract revenue.
- Recognized as top contributor to KPIs in Q1 2015 due to launch of streamlined CRM process for flagship clients leading to a 90% reduction in effort.

SOFTWARE DEVELOPER *The Cleveland Clinic | Cleveland, OH | 2013 -2014*

- Built and launched data ingestion pipeline and web application using C#, ASP.NET, HTML, JavaScript and SQL, resulting in a substantial effort reduction for clinical data management team.
- As a full stack developer, utilized test driven development on a federally regulated web application. Provided timely technical support and problem resolution for all applications.

AIRPORT OPERATIONS SPECIALIST *Cleveland Hopkins International Airport | Cleveland, OH | 2011 -2013*