CHARLIE BROOKE O'HARA

charlie.b.ohara@gmail.com
charliebohara.com
github.com/cbohara

TECHNICAL SKILLS

AWS
KINESIS
MSK - KAFKA
LAMBDA
STEP FUNCTIONS
GLUE
ATHENA
REDSHIFT
DYNAMODB

CDK
CLOUDFORMATION
TERRAFORM

PYTHON
PYTEST

SQL
DBT

SPARK
HADOOP

LINUX CLI
BASH SCRIPTING

GIT

PROFESSIONAL SUMMARY

AWS Certified - Machine Learning Specialty (2022), Data Analytics Specialty (2020), Solutions Architect Associate (2017). Senior Data Engineer experienced in building real-time and batch data pipelines processing billions events per day with AWS serverless and server-based infrastructure. Consistently praised for the ability to distill complex technical information into easily understandable concepts. Loves to mentor aspiring and developing engineers. Always ready to jump in and help the team, and consistently provide excellent service to stakeholders.

EXPERIENCE

Data Engineer III - Zapier
Remote — August 2021 - present

- Collaborate with a team of data engineers to address technical debt by modernizing the company's technology stack, resulting in improved system performance and efficiency
- Mentor aspiring and junior data engineers, providing guidance and support on technical skills, best practices, and career development
- Actively advocate for a diverse and inclusive workplace culture by participating in the company's LGBT+ employee resource group

Senior Data Engineer - Life360
San Diego, CA/Remote — May 2019 - July 2021

- Collaborated with two other senior data engineers to establish the company's first data engineering team, building a strong foundation to support the ingestion, processing, and analysis of terabytes of data and billions of events per day
- Educate and empower coworkers of varying technical skill levels to take advantage of our new data ecosystem by providing documentation and training sessions
- Develop and maintain real-time streaming pipelines using AWS Kinesis and Lambda that deliver data to third party partners within 30 seconds, which generated 15% of company revenue

Data Software Engineer - Verve
San Diego, CA/Remote — July 2017 - May 2019

- Built an automated data pipeline to ingest third-party audience data from multiple partners to better understand our users
- Wrote Python and Bash scripts to launch ad-hoc Hadoop Streaming, Apache Pig, and Snowflake jobs to automate operational processes in order to streamline delivery
- Actively involved in the interviewing, training, and mentoring junior data engineers

Big Data Engineer - Algebraix Data
San Diego, CA — February 2017 - July 2017

- Built and ran Spark SQL and PySpark applications in an AWS EMR cluster to test proprietary query acceleration algorithm against TPC-H and TPC-DS benchmarks
- Wrote Bash scripts to facilitate product installation on variety of operating systems
- Wrote Python scripts for general automation and log analysis

EDUCATION

University of California, Santa Barbara - Bachelor's - Biology