

Bryan Eaton

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Education

Stephen F. Austin State University
Bachelor of Science in Environmental Science

Nacogdoches, TX
Dec. 2002

Experience

RegScale, Inc.
Data Engineer

Knoxville, TN
Jul 2022 - Present

- Principal Developer for the RegScale CLI. Led the design and development of core features for this data integration tool, which integrates with over 40 cybersecurity-related services and file-formats.
- Implemented REST API's and document generation services for OSCAL-compliant XML, FedRAMP, and other formats for the RegScale platform.

Shell Energy
Data Engineer

Remote
Jul 2021 - Jul 2022

- Built and maintained pipelines from vendor SQL Server databases to Amazon S3 for user consumption with Dremio and other tools.
- Wrote the migration code for an Intelometry Retail system (SQL Server based) to an Exelergy RevenueManager data migration using Python, Pytest(Test-Driven Development), SQLAlchemy, Docker, and SQL Server stored procedures/functions.

Oak Ridge National Laboratory
Data Engineer

Remote
Oct 2018 - Jul 2021

- Built and maintained pipelines for ingesting millions of JSON documents from multiple sources into an Elasticsearch cluster using Java's Spring Framework and Airflow.
- Apache ActiveMQ is an open source message broker primarily used for sending messages between applications. Worked on writing message clients for an application centered around JMS messaging.

Oak Ridge National Laboratory
SAP Developer

Remote
Jan 2014 - Apr 2018

- Designed focused universes and interactive BI dashboards using SAP Information Design Tool and Design Studio.
- Used Airflow to extract data from Excel docs with the help of Python Pandas and to integrate this data with parallel Data Services jobs.
- Setup, schema design and management of Data Marts with SQL Server. SAP Data Services integration for daily ETL ingestion into SQL Server.
- Wrote Restful API's using Python's Flask framework detailing ETL job metrics. Airflow eventually replaced this setup.

Programming Skills

Languages: Python, Java, Kotlin, GoLang, C#, SQL

Technologies: Linux, JMS, Flask, Airflow, Vagrant, Docker