

Bryan Eaton

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Maryville, TN

PROFESSIONAL SUMMARY

Experienced Data Engineer with 10+ years specializing in large-scale data integration, ETL pipelines, and cybersecurity compliance platforms. Proven track record of transforming legacy systems into modern, scalable solutions with CI/CD automation. Expert in Python development with strong background in cloud infrastructure, regulatory compliance (OSCAL, FedRAMP), and building official integrations for enterprise security platforms.

EDUCATION

- **Stephen F. Austin State University** Nacogdoches, TX
Bachelor of Science in Environmental Science *Dec. 2002*

EXPERIENCE

- **RegScale, Inc.** Knoxville, TN
Data Engineer *Jul 2022–Present*
 - **Python Development:** Transformed the RegScale CLI from a simple Python script hosted on a webserver into a professionally packaged PyPI distribution with CI/CD pipelines and automated releases. Led design and development of core features for this data integration tool, which integrates with over 40+ cybersecurity services and file formats.
 - **Official Platform Integrations:** Built the official RegScale integrations for Wiz and Tenable, enabling seamless data flow and compliance reporting.
 - **C# Development:** Implemented REST API's and document generation services for OSCAL-compliant XML, FedRAMP, and other formats for the RegScale platform.
- **Shell Energy** Maryville, TN (Remote)
Data Engineer *Jul 2021–Jul 2022*
 - **Airflow pipelines:** Built and maintained pipelines from vendor SQL Server databases to Amazon S3 for user consumption with Dremio and other tools.
 - **Data Migration:** 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** Oak Ridge, TN
Data Engineer *Oct 2018–Jul 2021*
 - **Data Collection:** Built and maintained pipelines for ingesting millions of JSON documents from multiple sources into an Elasticsearch cluster using Java's Spring Framework and Airflow
 - **ActiveMQ JMS:** 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.
 - **PostgreSQL:** I utilized Postgres's excellent JSONB features as well as PostGIS for storing geographic features and message data from the JMS.

- **Covenant Transport**

SAP Developer

Chattanooga, TN

Jan 2014–April 2018

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

- **Freese and Nichols**

GIS Developer

Fort Worth, TX

Jan 2005–April 2013

- **ESRI ArcGIS:** Developed GIS applications and helper scripts to build automated mapping routines for early route investigation work of our civil and water resource engineers.
- **Python ArcPy and ArcObjects:** Developed ArcGIS toolboxes, python scripts, ArcObjects tools, and ESRI geoprocessing models for common GIS and SDE workflows.

PROGRAMMING SKILLS

- **Programming Languages:** Python, Java, Kotlin, Go, C#, SQL, JavaScript
- **Data Engineering & ETL:** Apache Airflow, Apache ActiveMQ, SQLAlchemy, Pandas, Data Services, ETL Pipelines
- **Web Frameworks & APIs:** Flask, Spring Framework, REST API Development, JMS Messaging
- **Databases:** PostgreSQL, SQL Server, Elasticsearch, PostGIS, Amazon S3
- **Cloud & DevOps:** Amazon Web Services (AWS), Docker, Vagrant
- **Security & Compliance:** OSCAL, FedRAMP, NIST, Cybersecurity Integrations (Tenable, Wiz), CLI Development
- **GIS & Spatial Analysis:** ESRI ArcGIS, ArcPy, ArcObjects, Spatial Databases, Geoprocessing