Bryan Eaton

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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**: PostgreSQL is an advanced open source database with a strong reputation for proven reliability and a proven architecture. I utilize the excellent JSON features as well as PostGIS for storing geographic features and message data from the JMS.

- **Covenant Transport**   Chattanooga, TN
  SAP Developer   *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**   Fort Worth, TX
  GIS Developer   *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