



PROFILE

WORK EXPERIENCE

Damon Myers

Location: Portland, OR

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Experienced Staff Software Engineer with over 10 years of leveraging data to solve complex business problems. Brings broad expertise in scaling and supporting reliable data access, building APIs around data stores, and automating high-volume data processing workflows. Improves team velocity and cross-functional collaboration through best practices, effective communication, and a strong focus on testing and maintainability.

Staff Software Engineer, Data SentiLink

📅 09/2024 – present 📍 SAN FRANCISCO, CA (REMOTE)

- Automated complex identity dataset ETL pipeline using PySpark, Airflow, and AWS ECS, which reduced monthly operational effort from 3 weeks to just 2 days, allowing the team to focus on proactive strategic work.
- Conducted performance testing to ensure a smooth transition from RDS PostgreSQL to Aurora PostgreSQL, reducing costs while improving reliability.
- Architected a core data infrastructure, including configuration-driven ingestion pipelines, gRPC-based data abstraction services, automated data quality checks, and a self-service lakehouse, enabling scalable and maintainable data systems for cross-team consumption.
- Instrumented, monitored, and supported production gRPC data services and event-driven ingestion pipelines using Datadog for metrics, alerting, and tracing.

Staff Software Engineer Action

📅 09/2023 – 07/2024 📍 NEW YORK, NY (REMOTE)

- Designed and built scalable tools in Scala Spark, PySpark, and Airflow to support ingestion pipelines for hundreds of datasets ranging in volume from tens of gigabytes to tens of terabytes.
- Led a team of 3 engineers in the development of a Scala Spark test framework to identify data inconsistencies between Parquet datasets and datasets in a proprietary data format.

Senior Software Engineer Action

📅 03/2022 – 09/2023 📍 NEW YORK, NY (REMOTE)

- Led a team of 5 software engineers in the development of a configuration-driven data ingestion pipeline in Airflow and PySpark, removing the need for custom transformation SQL for each dataset.
- Optimized Elasticsearch indexing configuration and cluster scale, resulting in an annual cost reduction of \$400,000.
- Implemented a framework for integration testing of Spark application features, significantly decreasing the occurrence of defects in production.

Senior Software Engineer LegitScript

📅 12/2020 – 02/2022 📍 PORTLAND, OR (REMOTE)

- Led the design and implementation of an ingestion pipeline for aggregating microservice databases into a unified Data Lakehouse with a GraphQL Data Abstraction Layer. Utilized AWS DMS, PySpark, Node.js, and AWS Lambda.
- Developed and implemented a high-performance website scraping pipeline,

WORK EXPERIENCE

capable of crawling and ingesting 500,000 websites daily, utilizing TypeScript, AWS Step Functions, Lambda, and EventBridge.

- Led the maintenance and enhancement of a horizontally scalable web crawler, operating in a Kubernetes cluster hosted on AWS EKS.

Software Engineer LegitScript

📅 11/2018 – 12/2020 📍 PORTLAND, OR

- Designed, implemented, and maintained an efficient ETL process, streaming 2.5 billion changes per month from MySQL to Elasticsearch. Effectively scaled the Elasticsearch cluster to handle tens of terabytes of data.
- Utilized AWS SageMaker to train and deploy Machine Learning models, achieving an accuracy rate of 97% when categorizing websites by HTML analysis.

Junior Software Engineer PLEXSYS

📅 09/2017 – 11/2018 📍 CAMAS, WA

- Executed the design and implementation of both frontend and backend components for a text chat application in C++ and Qt.
- Utilized C++, Qt, and Object-Oriented Design principles to develop and improve real-time simulation applications.

GIS Developer City of Odessa

📅 08/2014 – 08/2016 📍 ODESSA, TX

- Designed and built web mapping interfaces for data visualization and analysis using the ArcGIS for JavaScript API.
- Automated GIS database administration with Python and the ArcPy site package.

SKILLS

① PROGRAMMING LANGUAGES

Python



C++



Scala



Java



TypeScript



Rust



① DATA

Spark



RDBMS (PostgreSQL, MySQL)



Elasticsearch



S3



Redis



① DEVOPS

AWS



Kubernetes



Docker



Bash/Zsh



Terraform



GitHub Actions



EDUCATION

Computer Science | B.S. University of Texas of the Permian Basin

📅 06/2014 – 12/2016 📍 ODESSA, TX