



# DENNY MOORE

## LEAD DATA ENGINEER

### CONTACT

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Atlanta, GA 

[LinkedIn](#) 

### EDUCATION

Bachelor of Science  
Computer Science  
Georgia Institute of  
Technology  
2013 - 2017  
Atlanta, GA

### SKILLS

Google Cloud Dataproc  
Microsoft Azure Synapse  
Analytics  
Apache Kafka  
Apache Oozie  
Amazon S3  
Amazon ECS  
Microsoft SQL Server  
Protocol Buffers  
Spark SQL  
Java

### WORK EXPERIENCE

#### Lead Data Engineer

AT&T

2023 - current / Atlanta, GA

- Used Azure Synapse Analytics for IoT data analytics, processing data from 1.3M devices to optimize network performance, boosting customer satisfaction by 29%.
- Deployed machine learning models directly within Azure Synapse Analytics to leverage predictive analytics to manage customer churn, achieving an 11% cut in churn rate.
- Leveraged Google Cloud Dataproc for real-time analysis of network traffic data, eliminating network congestion issues by 24%.
- Coordinated with AT&T's cybersecurity team to implement advanced access controls and monitoring for Amazon S3, **cutting down unauthorized access incidents by 61%**.

#### Business Intelligence Developer

First Data

2020 - 2023 / Atlanta, GA

- Enhanced Apache Oozie workflows to include error handling and retry mechanisms, decreasing job failures by 78% and improving overall system reliability.
- Reduced runtime for complex analytics queries by 23 minutes involving multi-billion-row datasets by optimizing Spark SQL scripts.
- Established a scalable data access layer in Microsoft SQL Server, allowing a 46% increase in concurrent user handling without performance degradation.
- Built a Java application for real-time data monitoring which **detected 92% of data anomalies** before impacting the reporting process.

#### Database Administrator

Georgia-Pacific

2017 - 2020 / Atlanta, GA

- Developed an automated deployment pipeline using Amazon ECS, **shrinking deployment cycle times from 4 hours to under 1.2 hours**.
- Managed the end-to-end process of data migration for a major acquisition, integrating 11TB of data within a 3-month timeline.
- Engineered a company-wide Protocol Buffers adoption focused on data serialization to build a unified data format, slashing schema evolution errors by 47%.
- Collaborated with network teams to implement a more robust database connectivity solution, lowering connection failures by 68%.