

Senior Azure Data Engineer

Sarah Thompson

Professional summary

Accomplished Senior Engineer with experience designing and optimizing cloud data architectures on Microsoft Azure. Skilled in optimizing ETL workflows, developing machine learning pipelines, and driving business insights through data-driven solutions in complex environments.

Experience

Senior Azure Data Engineer

January 2019 - Now

Cloud Innovators / United States, Chicago, IL

- Lead a team of 5 engineers in designing, developing, and deploying scalable, high-performance data architectures.
- Optimize ETL workflows using Azure Data Factory, resulting in a 30% reduction in processing times.
- Implement data governance policies using Azure Purview, ensuring compliance with industry standards.
- Utilized Azure Security Center to enforce data policies.

Azure Data Engineer

May 2016 - December 2018

DataTech Solutions / United States, Chicago, IL

- Collaborated with BI teams to design and deploy interactive dashboards and reporting systems.
- Migrated legacy data systems to Azure cloud infrastructure, cutting operational costs by 15%.
- Enhanced data quality and integrity by implementing automated validation and testing processes.
- Designed and implemented data models for Azure SQL Database and Azure Data Warehouse.

Volunteer Experience

Data Science Mentor

January 2018 - Now

Chicago Tech Outreach

- Mentor aspiring scientists and engineers by providing guidance on data analysis.
- Conduct workshops on Azure Data Engineering, SQL optimization, and ETL best practices.

📞 (987) 654-3210

✉ sarah.thompson@gmail.com

📍 United States, Chicago, IL

Education

Master of Science in Data Science

2014 - 2016

University of Illinois at Chicago

United States

Bachelor of Science in Information Technology

2010 - 2014

University of Illinois at Chicago

United States

Certifications

- Developer for Apache Spark – 2021
- Certified Data Management Professional – 2020
- Azure Solutions Architect Expert – 2019
- Azure Data Engineer Associate – 2017

Skills

Azure Data Services ◆◆◆◆◆

Data Engineering & Architecture ◆◆◆◆◆

SQL, Python, Spark, Scala ◆◆◆◆◆

Data Visualization & Power BI ◆◆◆◆◆

Azure Purview, Security Center, Data Encryption ◆◆◆◆◆

Azure DevOps, CI/CD Pipelines, Git, Terraform ◆◆◆◆◆

Languages

- ◆ Spanish (Intermediate)