

DAVID HARPER

Senior Data Engineer | Azure Cloud | ADF | Databricks | Synapse | Lakehouse Architect

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Location: Austin, TX

PROFESSIONAL SUMMARY

Results-driven Data Engineer with 7+ years of hands-on experience designing scalable data platforms using Azure

CORE TECHNICAL SKILLS

Azure Data Factory, Azure Databricks (PySpark, SparkSQL, Delta Lake), Azure Synapse, ADLS Gen2, Azure SQL

PROFESSIONAL EXPERIENCE

Senior Data Engineer – BlueWave Analytics – Austin, TX (June 2021 – Present)

- Designed ELT data pipelines using ADF, Databricks, and Synapse.
- Built Delta Lake frameworks for ingestion, validation, and transformation.
- Developed streaming pipelines using Event Hub and Delta Live Tables.
- Implemented CI/CD pipelines for ADF & Databricks.
- Achievements: Improved Spark job performance by 55%; reduced cloud costs by 30%.

Data Engineer – TechAxis Corporation – Dallas, TX (April 2018 – May 2021)

- Built ADF ETL pipelines for SQL, APIs, SAP, and flat files.
- Developed PySpark transformations in Databricks.
- Designed SQL DW models.
- Achievements: Delivered unified Data Lake; increased pipeline reliability to 99.5%.

Junior Data Engineer – Nimbus Data Solutions – Houston, TX (Jan 2017 – Mar 2018)

- Built SQL procedures and ETL routines.
- Assisted with Azure cloud migration.
- Created Power BI datasets.

EDUCATION

B.S. in Computer Engineering – University of Texas at San Antonio (2016)

CERTIFICATIONS

- Azure Data Engineer Associate (DP-203)
- Azure Fundamentals (AZ-900)

PROJECTS

- Enterprise Lakehouse Platform
- Real-Time Streaming Pipeline (Event Hub to Delta Live Tables)

REFERENCES AVAILABLE UPON REQUEST