

# John Smith, Data Engineer

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Place of birth	San Antonio	Driving license	Full
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## PROFILE

*Dedicated Data Engineer with 5+ years' experience dealing with large datasets. Eager to build robust databases that lay the groundwork for game-changing insights at LionHeart Algorithm LLC. Implemented natural language processing tools to ensure machine-readable databases were ready for the team of data scientists.*

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## EMPLOYMENT HISTORY

Jan 2018 — Dec 2020	<b>Data Engineer, FNB</b>	Nong Phai
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*Responsible for scaling machine learning models and making these models fit within banking environments with the sci-kit-learn, Tensorflow, and Keras, also adapting these models/architectures created by data scientists to fit in with the UX and the UI of the brand.*

- Translated business propositions into quantitative queries and organized the necessary data.
- Developed scalable databases capable of ETL processes using SQL and Spark.
- Estimated the workflow and increase the efficiency of data pipelines that process over 60 TB of data daily.
- Utilized MongoDB to create NoSQL databases that collect data from a variety of sources.
- Involved in creating tables, join conditions, partitioning tables, correlated subqueries, views, sequences, nested queries, and synonyms for business application development.

Jan 2015 — Dec 2017	<b>Data Engineer, ABSA</b>	Washington
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*Responsible for developing database triggers, packages, functions, and stored procedures using PL/SQL and maintain the scripts for various data feeds across multiple regional and international offices of the company*

- Co-develop a SQL server database system to maximize performance benefits for clientele.
  - Assisted senior-level Data Scientists in the design of ETL processes, including SSIS packages.
  - Developed coherent Logical Data Models that helped guide important client business decisions.
  - Collaborate and coordinate with development teams to deploy data quality solutions and create and maintain standard operating procedure documentation.
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## EDUCATION

Jan 2021 — Jan 2021	<b>BS, Computer Science, Texas University</b>	Austin
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- Dual concentration Machine Learning,
  - Received a Business Foundations Certificate
  - Part of the winning team for the 2016 Longhorn.
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## SKILLS

SQL	Expert	Hadoop	Expert
Java	Expert	Python	Expert
Apache Spark	Expert	Coding	Expert

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## COURSES

Jan 2021 — Jan 2021	<b>CCA Cloudera Certified Associate, Cloudera, Online.</b>
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LANGUAGES	English	Native speaker	German	Native speaker
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## ACHIEVEMENTS

- Developed a data pipeline with Delta Lake that led to process optimization and a corresponding revenue increase of 21%.
  - Successfully figured out ETL issue while following PL/SQL best practices that resulted in an insight that increased the client's customer base by 37%.
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## HOBBIES

Cycling, Songwriting, Running