



# John Smith

## Data Engineer

1515 Pacific Ave, Los Angeles, CA 90291, United States  
3868683442 · [email@email.com](mailto:email@email.com)

### Place of birth

San Antonio

### Driving license

Full

### Skills

SQL

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Java

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Apache Spark

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Hadoop

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Python

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Coding

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### Languages

English

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German

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### Hobbies

Cycling, Songwriting,  
Running

## 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.*

## Employment History

### Data Engineer, FNB, Nong Phai

January 2018 – December 2020

*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.

### Data Engineer, ABSA, Washington

January 2015 – December 2017

*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.

## **Education**

### **BS, Computer Science, Texas University, Austin**

January 2021 – January 2021

- Dual concentration Machine Learning,
- Received a Business Foundations Certificate
- Part of the winning team for the 2016 Longhorn.

## **Courses**

### **CCA Cloudera Certified Associate, Cloudera, Online.**

January 2021 – January 2021

## **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%.