

# John Doe, Senior Data Scientist

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## Career Summary

Result-driven Machine Learning Data Scientist with 5+ years of experience in optimizing ML models across finance, e-commerce, and security domains. Skilled at transforming world data into actionable insights. Passionate about building scalable solutions.

## Technical Skills

**Programming Languages/Tools:** Python, SQL, Git, Jupyter, Bash, Pandas, NumPy

**Data Science & ML Frameworks:** Scikit-learn, XGBoost, TensorFlow, Keras

**Cloud Computing:** AWS (S3, SageMaker, Lambda), Azure ML, GCP BigQuery

## Experience

### Senior Data Scientist - Tshark, CA

- Developed a churn prediction model using LightGBM package in Python, resulting in a 20% reduction of churn rate by 20% in last 6 months.
- Built an automated anomaly detection pipeline in PySpark for real-time data processing, reducing triage time by 45%.
- Collaborating with product managers and engineering to produce ML models, improving deployment cycle by 25%, meeting the service level agreement (SLA) for model availability.
- Owning the end-to-end lifecycle of the data science projects as a lead, mentoring and guiding the junior data scientists for their active contribution.

### Machine Learning Engineer - Stripe, CA

- Built a real-time fraud detection model using decision trees and ensemble methods, reducing chargeback rates by 18%.

- Implemented feature store for transaction-based signals, improv
- Led model monitoring efforts with MLflow, introducing drift dete
- Created data transformation pipeline in Apache Airflow to orche: batch preprocessing, improving the feature engineering process

## Education

- M.S. in Data Science, University of California, San Diego | 2016 – 2017
  - Relevant Courses: Big Data, Machine Learning, Statistical
- B.E. in Computer Engineering, Tribhuvan University, Nepal | 2012 -

## Projects

ML Risk Profiler for Security - <https://yourportfolio.com/ml-risk-profile> using embeddings + LightGBM for categorizing exception risk types.

Sales Forecasting Dashboard - <https://yourportfolio.com/sales-forecast> Flask dashboard to predict weekly sales across regions. Resulted in 20%