



# MICHAEL ANDERSON

## SENIOR BIG DATA ENGINEER

### CONTACT

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-  San Francisco, CA

### SKILLS

- Apache Flink
- Hive
- SQL
- Data Lakes
- Data Governance
- Machine Learning
- ETL
- Hadoop

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

MASTER OF SCIENCE IN DATA  
ANALYTICS, UNIVERSITY OF FINANCE

### ACHIEVEMENTS

- Awarded 'Best Innovative Project' for the development of a predictive analytics tool.
- Increased data processing efficiency by 30% through process optimization.
- Contributed to a project that successfully reduced compliance-related incidents by 50%.

### PROFILE

Experienced Big Data Engineer with a strong background in the financial services industry, specializing in building data pipelines and analytical solutions that drive business outcomes. With over 7 years of experience, I have effectively utilized big data technologies to manage and analyze vast datasets, providing insights that have significantly improved operational performance.

### EXPERIENCE

#### SENIOR BIG DATA ENGINEER

##### Financial Data Corp.

2016 - Present

- Designed and implemented a data lake architecture that improved data accessibility by 40%.
- Developed ETL processes leveraging Apache NiFi for seamless data ingestion from multiple sources.
- Conducted performance tuning on data queries, reducing execution time by 25%.
- Collaborated with compliance teams to ensure data governance and security protocols were met.
- Utilized machine learning models to forecast financial trends, enhancing predictive analytics capabilities.
- Led a team of 5 engineers in adopting Agile methodologies for project management.

#### BIG DATA DEVELOPER

##### Data Insights Group

2014 - 2016

- Developed data pipelines for processing financial transactions, significantly increasing data throughput.
- Created and optimized SQL queries for data extraction, improving report generation efficiency.
- Implemented data quality frameworks to ensure accuracy and consistency across datasets.
- Assisted in the migration of on-premise data systems to cloud-based solutions, enhancing scalability.
- Provided training sessions for business stakeholders on data reporting tools and metrics.
- Collaborated on a project that resulted in a 15% reduction in data processing costs.