



NIKHIL SINGHAL

DATA SCIENTIST

- I have over 7 years of expertise in Data Science and Machine Learning.
- I have a proven track record in developing sophisticated data regression models, employing advanced predictive modeling techniques
- My experience spans multiple industries, including Automobile Aftersales, Financial Services, and Healthcare
- Led a team of 25 across multiple projects.

CONTACT

PHONE: +91-8683949132

EMAIL: nikhilsinghal005@gmail.com

WEB: [Nikhil Singhal](#) | [LinkedIn](#)

HOME: Sector 10, Gurugram

SKILLS

TECH SKILLS:

Python
Machine Learning Models
Statistical Analysis
Cloud Computing (AWS/AZURE)
Data Structures and Algorithms
Spark Streaming
Deep Learning
Optimization
CI/CD Pipelines
MLOps
Big Data Technologies

EDUCATION

B.Tech in Civil Engineering
IIT BHU Varanasi
2013-2017

WORK EXPERIENCE

Lead Data Scientist

2023 - Present

Nagarro / Gurugram

Weld Robot Fault Detection

- Developed a machine learning system to detect faults in machine axes.
- Designed a Deep Learning solution using LSTM-Autoencoders.
- MLOps, AWS Serverless, Docker, Python, Wavelet Transformation.

Senior Data Scientist/Tech Lead

2017-2023

ATCS / Jaipur

Customer Propensity to Pay

- Predicted customers' propensity to repay EMIs.
- Conceptualized, designed, and implemented the solution.
- Achieved 74% accuracy in user identification.
- Databricks - PySpark, Python, Machine Learning, XGBoost

ML-Based Healthcare Marketing Tool

- Serverless application to perform ML and process large datasets
- Eliminated the dependency on manual coding entirely.
- AWS Serverless, DevOps, Clustering, Linear Regression

Intelligent Playlist Generation

- Intelligent system to generate smart playlist for car showrooms
- Developed a recommendation engine using ML algorithms.
- AWS Lambda, DynamoDB, API Gateway, S3, Unsupervised Learning

Warranty Repair Packages

- Automated the vehicle damage repair process using historical data.
- Designed the solution from both business and technical perspectives.
- Python, Hive, Hadoop Setup (Hortonworks)