

## ABHINAV SHUKLA

**Mob: +91-8076553037**

**[abhinav.shukla190197@gmail.com](mailto:abhinav.shukla190197@gmail.com)**

**LinkedIn:** <https://www.linkedin.com/in/abhinav-shukla-4353b0116/>

### CAREER SUMMARY

Proven Data Engineer with 5 years of experience and a history of driving excellence on both sides of the data engineering. Committed to ensuring validity, accuracy, and reliability of collected data to solve problems and create meaningful reports. With detail-oriented and innovative mindset, strong work ethic, and an enterprising approach I have devised and executed process-oriented analytical tasks. Motivated by data and results my passion and experience combined will exceed expectations.

### KEY COMPETENCIES

Data Analysis	Machine Learning	Feature Engineering
Data Visualization	Graph Database (Neo4j)	SQL - Oracle/Teradata
Python	Big Data - Apache Spark	Microsoft Azure
NLP	LLM	ETL Tool
Problem Solving	SAS	Data Science
Microsoft (xls, PPT, doc)	Radan 3.0	ArcView

### PROFESSIONAL EXPERIENCE

#### LTIMindtree Pune (Hybrid)

**Oct 2023 - till date**

Working to develop internal tool to use in various project of the organization using Python, Machine Learning and Database.

#### LTIMindtree - Al Rajhi Bank, Riyadh, Saudi Arabia (On site)

**Dec 2021 – Sep 2023**

Collaborated with data engineers, data modelers and architects in migrating financial data on a weekly basis from a legacy source system (CTF) to target system (Temenos) as a **Senior Data Engineer**.

#### **Accomplishments/Key Deliverables:**

Developed *Python enabled* tool entirely written in Python automating data reconciliation and data profiling saving approximately 400 hours of manual work each month.

Performed metadata-level comparisons, data cleaning, and feature engineering through categorical imputation and outlier handling.

Played an instrumental role in Analyzing data quality dimensions as a part of a special task force by to create data quality dashboards using Power BI -- *technical numbers*.

Spearheaded the *requirement gathering* and technical system document preparation for *launching/introducing new products which are compliant* innovative products and services (PF, Auto, Credit Card) that adhere to *Shariah-compliant principles*, meeting the evolving needs of customers.

**LTI – FIU, Ministry of Finance New Delhi**

**Jan 2021-Nov 2021**

Led(championed) the Network Analytics development initiative using **Neo4j graph database**, graph algorithms, and visualization tools. The aim was to design a unified framework for entity detection and resolution in a transaction-based network as an **Associate Data Scientist**.

**Accomplishments/Key Deliverables:**

Mentored/Managed (provided leadership to a team of software trainees) four software development trainees on Neo4j graph database installation and configuration, and technical documentation to store and identify relationships in a transaction-based network.

Devised a comprehensive roadmap for implementing new systems and processes to reduce the risk of fraudulent activity and enhance the overall security of the network by 40%.

**LTI – CBDT, Income Tax Office Ghaziabad**

**July 2018 - Dec 2020**

Provided in-depth risk-analysis to enhance system performance, flag fraudulent transactions in real-time. Uncovered patterns and trends in financial data, identified key drivers of performance, and develop actionable recommendations to strengthen/*for improving* the tax compliance across India as an **Associate Data Scientist**.

**Accomplishments/Key Deliverables:**

Performed EDA, Feature Selection (Principal Component Analysis) to reconfigure data from multiple sources and create relevant features to optimize models improving accuracy by 8%.

(Stronger word) Handled ETL performance tuning processes, incremental data processing, and automated job streams.

Conceptualized/Orchestrated/Developed data marts for Non-PAN and GSTIN transactions, to find relationships between entities and identify high-risk entities and transactions.

Prepared MIS reports on ad-hoc requests from stakeholders on various financial and non-financial grounds, which enabled critical decision making. *helped effectively in business decisions*.

**Global Mapsoft, Ghaziabad, India**

**Apr 2018 - Jun 2018**

**Software Intern**

Developed an image classification model for a social media platform, which was able to accurately identify and categorize images, enabling more targeted marketing efforts.

Identified patterns of behavior and develop targeted interventions to improve user engagement and retention by 40%.

**Ridings Consulting Engineers India Pvt Ltd (RCEIPL)**

**May 2017 - Jul 2017**

**Software Intern**

- Analyzed data from ground-penetrating radar and acoustic sensors, to accurately identify the location of underground utilities and assess their condition, which helped to improve maintenance efforts and reduce the risk of utility failures.
- Developed predictive models using machine learning algorithms, to identify areas of potential utility failures and develop targeted interventions to improve reliability and reduce downtime.

**Oil & Natural Gas Corporation Limited (ONGC), Dehradun**

**Dec 2016 - Jan 2017**

**Jr. Front End Developer Jr. Front End Developer**

Implemented The Responsive Web Design (RWD) approach for Website Development (Front End and Back End) through different scripting languages and technologies based on levels of understanding and implementation skills acquired across my internship.

PHP, CSS (Advanced); AJAX, JavaScript, Bootstrap (Intermediate); AngularJS (Beginner)

**EDUCATION:** B. Tech in Computer Science (2014 - 2018) from University of Petroleum and Energy Studies (UPES), Dehradun, Uttarakhand

**CERTIFICATIONS**

Microsoft DP - 100 Designing and Implementing a Data Science Solution on Azure Pursuing  
Microsoft DP - 900 Azure Data Fundamentals Pursuing

Computational Neuroscience from University of Washington Coursera  
Neural Networks and Deep Learning from deeplearning.ai Coursera  
Structuring Machine Learning Projects from deeplearning.ai Coursera

**Abbreviation:**

LTI: Larsen & Turbo Infotech

FIU: Financial Intelligence Unit

CBDT: Central Board of Taxation

LTIMindtree: Larsen Turbo Infotech and Mindtree