

**SHIVANI JANGAM**

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# PROFILE SUMMARY

With extensive experience as a Senior Data Engineer and Analyst in the BFSI sector, I bring expertise in big data technologies including Hadoop, Spark, Scala, AWS, and SQL. My primary focus is on engineering resilient data systems and deriving vital insights for fraud prevention and compliance, thereby facilitating data-driven decision-making and operational excellence.

# SKILLS & PROFICIENCIES

* Hadoop Framework: Apache Hadoop, Hive, HDFS, Apache Spark, YARN, AWS
* Programming Languages: SQL, Scala
* Database: Teradata, Hive, PostgreSQL
* ETL Tools: Informatica PowerCenter, PowerCenter Navigator
* Visualization Tools: PowerBI
* Scheduling Tools: Tivoli Workload Scheduler, AutoSys Workload Automation (CA WADE), AirFlow
* Development Tools: IntelliJ IDEA, GitHub, Eclipse IDE, Apache Zeppelin, DBeaver, WinSCP, PuTTY, HP-ALM
* Project Management Tools: JIRA, Confluence
* Operating Systems: Windows, Linux, Unix

**EDUCATION**

University of Pune- Bachelor of Engineering (Computer)

# TRAININGS & CERTIFICATIONS

* AWS Certified Data Engineer – Associate, AWS Technical professional foundation course
* Big Data Masters Program by TrendyTech

# WORK EXPERIENCE

## LTIMindtree Mumbai, India Role: Senior Data Analyst for GoAML Strategic Solution Feb 2024-18th Dec 2024

* Led data analysis workstream from requirement gathering to implementation, collaborating with crossfunctional teams to ensure project success and timely delivery.
* Conducted in-depth analysis of Business Requirement Documents (BRD) to gather and clarify project requirements to ensure 100% compliance with regulatory standards.
* Leveraged Hadoop and Spark scala for large-scale data processing and analysis of high volumes of data from multiple source applications to identify and report significant transactions.
* Designed Source to Target Mappings (STTMs) to streamline development processes, ensuring alignment with reporting requirements and reducing development time by 20%.
* Developed and implemented dimensional data models, classifying data into facts and dimensional tables, which enhanced analytical capabilities and improved reporting accuracy by 30%.

## LTIMindtree Onsite: Johannesburg, South Africa Role: Lead Data Engineer for Falcon Upgrade Jan 2023-Jan 2024

* Managed roles from requirement gathering to data modeling, structural changes, deployment, and execution of Falcon 6.5 across 8 markets within 6 months. This effort resulted in a 40% reduction in processing time while improving system efficiency.
* Integrated data from multiple sources, ensuring seamless data flow and consistency across the system, designed and implemented ETL processes to transform raw data into actionable insights resulting in a 30% improvement in data accuracy.
* Actively took on additional responsibilities to optimize databases to support the upgraded Falcon system, resulting in a 20% increase in data retrieval speed.
* Played an integral role in stakeholder discussions across component teams, application teams, business stakeholders, and product managers. My strong communication and leadership skills as an onsite project coordinator facilitated a 50% reduction in project turnaround time with guaranteed stakeholder satisfaction.
* As the team lead, I was actively involved in scrum activities and daily progress update calls to track project status. This role included facilitating daily stand-ups, sprint planning, and retrospectives, ensuring the team stayed on track and met deadlines. My leadership in these activities contributed to a 20% increase in team productivity and a 15% improvement in project delivery timelines.

## LTIMindtree Pune, India Role: Data Analyst for Internal Fraud Monitoring Mar 2022-Dec 2022

* Formulated use cases tailored to business propositions, resulting in the successful implementation of businessspecific solutions.
* Partnered with product owners and business stakeholders, translating business needs into technical solutions using Hadoop, Hive, and Spark. This collaboration led to the development of solutions that met 100% of the identified business needs.
* Initiated performance tuning and optimization of data pipelines, leading to a 25% improvement in overall system performance.
* Conducted requirement gathering, data discovery, and exploratory data analysis for over 50 banking applications across various markets and products. This analysis led to the identification of key insights that drove business decisions.
* Successfully adopted a robust agile approach using Sprint planning to achieve desirable results, effectively managed with JIRA/Kanban boards which led to a 30% improvement in project delivery timelines.

## LTI Pune, India Role: Data Operations Analyst for Data warehouse Operations and Production team May 2018-Feb 2022

* Guided the development, enhancement, and operation activities on Informatica applications to load data from heterogenous sources into the data warehouse.
* Mastered the end-to-end process for migrating Informatica applications from a common production server to business specific VM units resulting in performance improvement of 40%
* Identified production issues, developed bug fixes and performance tuning activities using Integration and deployment tools for business-critical banking applications. Automated the redundant and manual processes by optimizing the existing ETL code base and applying scheduling fixes reducing project costs by up to 30%
* Facilitated the migration of history data for applications from the legacy Teradata platform to Hive tables and designed a process for scheduling, optimizing and proactive monitoring of jobs through CA WADE and TWS
* Extensively resolved user queries and incidents, provided technical insights which helped bridge the gap between data and business functions while maintaining adherence to standard SDLC, IT Service Management, ITIL Change Management and Release Management practices.

## LTI Pune, India Role: Software Engineer for PAREXEL Informatica Upgrade Aug 2016 – Mar 2018

* Upgraded Informatica PowerCenter client in two steps, testing 400 workflows after each step.
* Implemented version control and LDAP single sign-on and explored directory/repository structure using Informatica Admin console.
* Documented test cases in HP-ALM and validated workflows with UC4 Automation Engine.
* Communicated daily updates to the Client Manager demonstrating excellent teamwork and leadership skills.