

Akshada Rane

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Summary

Experienced management post-graduate in **Big Data Analytics**; IT engineering professional with 2+ years at **LTIMindtree** (IT professional firm in India). Passionate **data enthusiast** with a comprehensive grasp of **analytics & data related technology**, keen on business growth. Actively seeking opportunities to apply & expand my skills

Core Competencies

Software Packages	<ul style="list-style-type: none">AWS, Azure, Tableau, Microsoft Power BI, MS Excel, SAP CRM
Programming	<ul style="list-style-type: none">SQL, Python, R, SAS

- Relevant courses:** Programming with Python & SAS, Database Management System, Machine Learning, Deep Learning, Natural Language Processing, Retail Analytics, Data Visualization using Tableau & Power BI, Digital Product Management, Data Engineering & Management - Azure

Summer Internship

3 Months

Kellogg's, India **Data Engineer Intern** **Jun'23 –Sept '23**

- Collaborated with Global Data Analytics team including US and India team colleagues to design an **event-driven data processing pipeline using AWS services - EventBridge, Step Functions, Glue** facilitating seamless data integration & analysis across regions reducing time-to-insights by 30%
- Conducted **Apache Hudi** Proof of Concept (POC) for Upsert operations & explored time travel queries boosting data update efficiency by 20%
- Transformed CSV files into **Parquet format using Glue**, loaded in Redshift table, applied SCD2, recorded details in S3 bucket for auditing, monitoring and further automated the entire process with a **CI/CD pipeline for testing and deployment** with CloudFormation and Git Actions leading to 25% decrease in data processing time ensuring faster decision making & enhancing overall business performance across regions

Summer Internship

2 Months

HDFC Bank (120 million customers – largest bank in India) **Data Scientist Intern** **Apr'23 –Jun '23**

- Worked with **Campaign Analytics team**, responsible for establishing qualification criterion for loan offers by analyzing transactional data of Existing to Bank customers keeping defaulter rate in check enhancing overall profitability & customer satisfaction
- Collaborated with **Credit Analytics and Innovation team** to **refine fixed obligation estimation logic** by applying NLP across 1 million+ transactional comments, identified terms of interest resulting in 30% increase in accuracy, minimizing errors and risk in credit assessment process
- Developed an automated system using fuzzy logic** for proactively identifying upcoming relevant keywords overtime to be added into EMI-master repository enhancing the bank's ability to adapt evolving market trends minimizing manual work time by 40%

Professional Experience

33 Months

Larsen & Toubro Infotech (now LTIMindtree), India **SAP CRM -Senior Consultant** **Aug '19 –May '22**

- Worked with **Ministry of Corporate Affairs (mca.gov.in)**, Government of India, ensuring 20% increase in stakeholder satisfaction & uninterrupted workflow by performing root cause analyses & resolving technical issues of front & backend MCA system on daily basis on IBM SCCD tool
- Deployed 15+ **Change Request (CRs)** to production, resulting in 15% reduction in system downtime enhancing stakeholder confidence
- Analyzed data inconsistencies, implemented corrective actions, resulting in 30% reduction in incident resolution time improving overall efficiency
- Coordinated end to end process & testing of **Corporate Social Responsibility (CSR-1)** form, ensuring regulatory compliance and societal impact
- Responsible for preparing functional specifications, business process workflow, effort estimation, feasibility analysis of requirement & user journey resulting in a **streamlined development process**, a 20% increase in project efficiency, and a 15% reduction in development cycle time

Academic Record

Post Graduate Diploma in Management – Big Data Analytics	2022 – 24	Goa Institute of Management, Goa, India
B.E - Information Technology (IT)	2015 – 19	St. Francis Institute of Technology, Mumbai, India

Academic Achievements & Certifications

- Quarter finalist for 'Dr. Reddy's Digital Health Hackathon 2022-23', proposed Machine Learning algorithm to be used for 'Brand Name Generator'

Live/ Academic Projects

Text Classification-Aggression in Tweets - (Feb'23 – June'23)

- Collaborated with program chair, professor & a colleague in post-graduate school to research public sentiments specifically **Degree of Aggressiveness on Scraped Twitter data** regarding various social events such as sports, social & political issues by performing end-to-end data analysis & evaluation
- Utilized pre-labelled **trac1 dataset** to predict aggression with **Multinomial Naïve Bayes** yielding noteworthy results

Live Project – Margdarshan, Data Analyst – (Sept'22 – Dec'22)

- Analyzed Twitter data of competitive exams** by using NLP techniques for Data Preprocessing, created vocabulary consisting of relevant words utilized for categorization based on frequency of each word to perform trend analysis over time & to enable counselling & guidance for exam preparation

Positions of Responsibilities/ Extra-curricular activities

- Creative Head, IRIS (College Cultural Festival)** – Led 17-member team, collaborated with different teams for organizing event organization, 2017-18
- Joint Secretary, Indian Society for Technical Education** – Led and organized 4+events with 50+ participants, 2017-18
- National Service Scheme (NSS)** - Completed 120 hrs. of social service, Organized and Volunteered in 7+ activities such as clean up drive at Versova Beach, Attended NSS camp at Bhalivali village for 7 days, Blood donation camp, Rally for rivers, walk for awareness of organ donation, 2016-18