

SUKANYA LAHKAR

San Jose, CA

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Seasoned Technology Consultant with 5+ years of experience in using Business Intelligence technologies and infrastructures for data processing, data modeling and data analysis. Involved in full life-cycle implementation projects, focused on designing, development, deployment, performance tuning, Go-Live and Post Go-Live support activities.

Work Experience

Instructional Student Assistant: Engineering Probability and Statistics
San Jose State University SEPT 2024 - PRESENT

- Evaluating and grading assignments, exams and projects, providing constructive feedback to support student learning and academic progress.
- Managing course-related administrative tasks, maintaining records, supporting faculty research with data collection and literature reviews, and addressing student inquiries during office hours.

Senior Technology Consultant – BI Data and Analytics
Ernst & Young (EY) AUG 2021 - JULY 2023

- Constructed a comprehensive data architecture with robust data models to support client's business requirements for a merger and acquisition scenario, leading to a centralized state of data accessibility.
- Developed and implemented data warehouse solutions for critical business functions, enhancing data retrieval speed by 40%.
- Streamlined data collection as well as transformation processes to boost operational effectiveness and integrated multiple data sources to create a unified view, improving business operations and enhancing data integrity and reliability.
- Acted as a key resource during successful GO-LIVE SAP project implementation. Conducted knowledge transfer sessions, equipping support teams with necessary skills, providing extensive support during the hyper-care phase to ensure a smooth transition and resolving post-implementation challenges.
- Leveraged agile methodology resulting in faster delivery of BI solutions.

SAP Business Intelligence (BI) Consultant
Tech Mahindra Ltd. MAR 2018 – AUG 2021

- Performed data quality checks and validation to ensure accurate data reporting for business intelligence solutions.
- Supported the implementation of data warehouse strategies to optimize data storage and retrieval, streamlining data integration and accessibility.
- Implemented automation of ETL procedures to guarantee accurate data loads and contributed to the development and maintenance of BI dashboards using data visualization tools.
- Collaborated with IT to migrate legacy BI systems to cloud-based platforms, ensuring seamless data integration and achieving a 20% cost reduction in infrastructure.

Education

San Jose State University 2023-2025
Master's degree in Engineering Management
GPA: 3.9

Jorhat Engineering College 2013-2017
Bachelor's degree in Computer Science and Engineering
Percentage: 80%

Skills

Data Concepts: Data Warehousing, Data Modeling, Data Architecture, Data Quality, Data Governance, Databases, Master Data, Transaction Data, ETL, ERP

On-premise BI tools: SAP BW, BW on HANA, AWS Cloud (EC2, S3, IAM, RDS)

Data Visualization: Microsoft Power BI, Tableau

Data Analysis: MySQL, Descriptive and Inferential Statistics, Machine Learning in Python, MS Excel, R in R studio

Engineering Management: Lean Six Sigma, Continuous Process Improvement, Project Management, Operations Planning and Control, Data Ethics in AI and Machine Learning

Soft Skills: Teamwork, Multi-Tasking, Problem Solving, Effective Communication, Reliability

Certifications and Awards

Certifications: Microsoft Certified: MTA-Database Fundamentals (2017); Lean Six Sigma Green Belt badge, issued by San Jose State University (2024)

Awards: SPOT award (Tech Mahindra Ltd., 2018); SPOT award (EY, 2021); Onshore Recognition (EY, 2022); Onshore Recognition (EY, 2023)