

# Sukanya Lahkar

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## Personal Summary

A forward-thinking and results-driven professional with a solid foundation in industrial and engineering principles, complemented by over 5 years of hands-on experience in SAP BW, BW on HANA, and BW ABAP. Currently advancing expertise through a Master's degree in Engineering Management, with a comprehensive curriculum encompassing Lean Six Sigma methodologies, statistical analysis, business accounting and finance fundamentals, ethical business practices, supply chain optimization, and systems engineering.

## Education

### Master of Science (MS) in Engineering Management

San Jose State University, San Jose, California

Current GPA: 3.77/4.0

Expected Graduation MAY 2025

### Bachelor of Engineering (BE) in Computer Science and Engineering

Jorhat Engineering College, Jorhat, Assam

JULY 2013- JUNE 2017

## Work Experience

### Ernst & Young (EY), Bangalore, India

Senior Consultant

AUGUST 2021-JULY 2023

- Conducted comprehensive research and data gathering for an internal initiative focused on enhancing sustainability practices through the SAP Sustainability Control Tower.
- Contributed to the analysis and gap identification process within the organization's BI landscape following its global division into distinct audit and consulting units, aiding in strategic decision-making.
- Developed Functional Specifications and Technical Specifications for BI components essential to the restructuring of the organization's landscape, ensuring alignment with business objectives.
- Maintained regular communication with client leadership to provide updates on project development progress and address any concerns or queries.
- Led the implementation of BW Sales data flow for a prominent Fortune 500 company, serving as the primary liaison between clients, onshore management, and development teams throughout the project lifecycle.
- Designed and implemented key BI components including ADSOs, DTPs, transformations, open hubs, generic data sources, and Bex queries, tailored to meet specific project requirements.
- Leveraged expertise in BW ABAP to develop and optimize field routines, start routines, end routines, and expert routines, enhancing data processing efficiency.
- Spearheaded the creation of HANA virtual tables and calculation views (CVs) to seamlessly integrate BW data and facilitate data analysis through AO reports.
- Conducted knowledge transfer sessions to empower support teams with the necessary skills and insights following the successful implementation of projects.
- Provided extensive support during the hyper care phase of project deployment, ensuring smooth transition and addressing any post-implementation challenges in alignment with business needs.

### Tech Mahindra, Bangalore, India

Consultant

MARCH 2018-AUGUST 2021

- Utilized Multiproviders, Infocubes, DSOs, transformations, and DTPs to fulfill end-user reporting needs, ensuring alignment with organizational objectives.

- Created data sources, transfer structures, communication structures, transfer rules, and update rules for infosources, DSO objects, and infocubes, optimizing data flow and integrity.
- Implemented process chains to streamline and automate the loading process for master data and transaction data, enhancing operational efficiency.
- Played a pivotal role in the analysis, development, testing, and resolution of issues throughout the implementation phase, ensuring seamless project execution.
- Proactively addressed tickets/incidents related to data extractions, data load failures, and performance issues, mitigating risks and minimizing disruptions to business operations.
- Conducted comprehensive testing and validation of data from source systems against Business Objects reports, ensuring accuracy and reliability of reporting metrics.

## Skills

**Tools and Technologies:** SAP BW, SAP BW ON HANA, SAP BW ABAP, Statistical Data Analysis, R programming, Machine Learning in Python

**Software:** MINITAB, R-Studio, Jupyter Notebook

**Methodologies:** Agile, Scrum and Waterfall methodologies

## MS Course Projects

- **Updating an Enterprise's subsidiary facing declining market profitability**
- **Data Analysis on Sustainability Development Goals** (*Tools used: R programming language in R studio*)
- **Simulation-based Analysis of Lean Principles in an Emergency Department** (*Tools used: SIMIO software*)

## Certifications

- **MTA – Database Fundamentals**, issued by Microsoft on April 2017