

Shefali Bisht

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Business Intelligence Analyst with 4+ years of experience in building end-to-end data models, data pipelines, and BI solutions

WORK EXPERIENCE

Boston Consulting Group

New York, NY, US

Data Engineering Intern

June 2023 - August 2023

- Fostered client relationships across 3 projects by partnering with senior leaders to formulate project plans and business systems requirements, providing daily technical consulting services, and liaising with leadership to maintain open communication
- Developed ETL processes using **SQL** and **Python** to parse, structure, and transform data to support decision-making processes, automating 70% of manual business processes of ad-hoc data requests, resulting in 30% productivity gains
- Extracted client financial data from various sources, analyze data on key business metrics and present findings via **Power BI visualizations**, contributing to a 15% improvement in budget accuracy

Texas A&M University

College Station, TX, US

IT Analyst, Graduate Assistant

September 2022 - Present

- Built interactive **Project Management** tool using **Power Apps** that allows executive leadership to communicate project objectives, strategy, tactics, and ongoing progress across programs, thus improving visibility into IT portfolio management
- Inspected, **troubleshoot** and resolved complex 50+ dashboard/report issues independently, proactively identify issues root causes & risks and provide solutions & fixes within tight SLAs
- Created **PySpark Spark applications** for distributed computing and complex data **transformations** and aggregations, resulting in a 40% increase in data processing efficiency for large-scale datasets exceeding 10 TB

Gartner

Gurgaon, HR, IN

Business Intelligence Analyst

June 2021 - August 2022

- Collaborated with engineering and stakeholders to understand reporting needs, **define KPIs/metrics**, map requirements to available data, and deliver end-to-end business intelligence solutions to support 5+ teams
- Developed **data pipelines** using **Azure Data Factory** and **Databricks** for a data migration project, transitioning 10+ TB of legacy Oracle databases to MPP databases (Azure Synapse), and creating Kimball models for business intelligence and model development
- Built Marketing **data models** (Azure Analysis Service) for Gartner's Marketing and Operations team, taking ownership of developing, deploying, and maintaining 5+ enterprise level Power BI reports and dashboards for analytics reporting
- Led agile releases across 4 teams using agile framework and best practices - maintain user friendly documentation, perform user testing & QA
- Wrote and **optimized** complex SQL queries for data extraction, **reporting**, and analysis, improving query performance by 30% and supporting the development of 20+ SQL-based reports

Nagarro

Gurgaon, HR, IN

Data Intelligence Analyst

July 2019 - May 2021

- Engineered end-to-end **optimal data pipelines** and **orchestration** framework using **Azure Data Factory**, **PySpark**, **Data Lake** for large-scale relational datasets **migration** from Oracle to **Azure Synapse**, influencing organization architecture decisions and saving \$2.4M in annual costs
- Delivered 2+ SAP ERP - P2P (Procure-to-Pay) Quantitative models (**Azure Analysis Service**) and Power BI reports for supply chain analytics, serving self-service business intelligence platforms that reduced business deliverables and reporting time by 35%
- Assisted BA with **sprint** & scrum retrospective meetings, and provide status updates, effectively communicating technical concepts & results to technical and non-technical stakeholders
- Performed data integration testing and **data profiling** to identify and assess data quality, refining data structures and facilitating root cause analysis, leading to improved data accessibility and 20% improvements in operational efficiency

SKILLS

Programming Languages: Data Structures & Algorithms, Python, ANSI SQL, T-SQL, Java

Cloud Infrastructures/Services: Azure Cloud Platform, Azure Data Studio, Data Lakes, AWS EC2, S3, Databricks, Redshift

Databases/Business Intelligence Tools: Relational Databases (SQL Server, MySQL), NoSQL, Schema Design (Logical/Physical), SSRS, SSIS, SSAS, Data Modeling (Snowflake/Star Schemas), Data Mining, Spark, Hadoop, Data Visualizations (Numpy, Pandas, seaborn, matplotlib), Jupyter, Tableau, Quicksight

Development Tools/Environment: SSMS, JIRA, Confluence, Azure DevOps, Docker, Version Control (Git, GitHub, GitLab)

Other: Written/Verbal Communication Skills, Creative, Attention to Detail, Analytical Skills, Collaborative, Bias For Action

CERTIFICATES & LEADERSHIP

Certifications: Professional Scrum Master, Databricks Certified Associate Developer for Apache Spark, IBM Computing & Virtualization Graduate

Leadership: Assistant Head-TechCeFaCos NGO, Women@Gartner Event Head, 'Nagarro Excellence' Award

EDUCATION

Texas A&M University

College Station, Texas

Master of Science in Management Information Systems

May 2024

Data Warehousing, Data Management, Financial Statement Analysis, Project Management, Data Science: Statistical Business Analysis

University of Petroleum and Energy Studies

Dehradun, India

Bachelors in Computer Science with Specialization in Cloud Computing and Virtualization

May 2019