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Summary	<p>A Data Engineering professional with over 14 years of experience specializing in Data Warehousing, ETL Development, and Database Development. Expertise in designing, developing, and optimizing data pipelines, models, and marts to enable high-performance analytics and reporting.</p> <ul style="list-style-type: none">ETL & Data Warehousing: Designed and implemented 100+ ETL pipelines using SSIS, Azure Data Factory, Azure Databricks, Azure Synapse Analytics, and Azure Data Lake Storage, ensuring 99.9% data accuracy in reporting.Big Data Processing: Hands-on experience with Python & PySpark, enabling 40% faster processing of large-scale datasets for analytics.SQL & Performance Optimization: Proficient in T-SQL, Stored Procedures, Views, Triggers, Cursors, and Indexes, optimizing queries to improve database performance by 50% in high-volume environments.Business Intelligence & Reporting: Developed 50+ interactive dashboards using Power BI and Tableau, integrating Row-Level Security and Data Blending to enhance user experience.Security & Access Management: Managed Tableau Server authentication & authorization, scheduling refreshes for real-time insights across global teams.Data Governance & Quality: Implemented data validation and cleansing strategies, improving data integrity by 35%, ensuring compliance with industry regulations.Onshore-Offshore Coordination: Led teams of 5-10 members across international locations, ensuring seamless project execution in Capital Markets, Investment, and Wealth Management domains.Certifications & Tools: Certified in Microsoft Azure, Databricks, Tableau, SQL Server, and Oracle, with deep expertise in SSIS, SSRS, Power BI and Azure cloud services. <p>A problem-solver with a strong analytical mindset, I excel at meeting tight deadlines, adapting to new technologies, and driving data-driven decision-making in complex business environments.</p>	
Skills	<p>Technical Skills</p> <ul style="list-style-type: none">Cloud & Big Data: Azure Data Factory, Databricks, Synapse Analytics, Azure Data Lake StorageDatabases & ETL: SQL Server, T-SQL, SSIS, Data Warehousing, ETL DevelopmentProgramming & Scripting: Python, PySparkBI & Reporting: Power BI, Tableau, SSRSDevOps & Deployment: CI/CD, Azure DevOps <p>Soft Skills</p> <ul style="list-style-type: none">Data Governance & CompliancePerformance Optimization & TroubleshootingCross-functional Collaboration, Process AutomationProblem-solving & Analytical ThinkingStakeholder Communication	
Experience	<div><div>Wells Fargo</div><div>November 2019 - October 2024</div><div>Lead Data Engineer</div><div>Country Risk and International Risk Oct 2022 – Oct 2024</div><ul style="list-style-type: none">Led the migration of an on-premises Data Warehouse to Azure Cloud, improving query performance by 40% and reducing data processing time by 30%.Designed and implemented 10+ Azure Data Factory pipelines, ensuring 99.9% data accuracy for risk assessment.Developed ETL workflows in Azure Databricks & PySpark, optimizing large-scale data cleansing and transformation.Architected Fact and Dimension tables in Azure Synapse Analytics, streamlining reporting efficiency.Optimized T-SQL Stored Procedures, Views, Functions, and Indexes, enhancing query execution by 50%.Implemented Row-Level Security & Data Governance, securing access for 100+ global users.Modernized legacy SSIS packages by transforming them into Azure Data Factory workflows, reducing maintenance efforts by 25%.Trained & mentored teams on cloud ETL and Azure Synapse Analytics, improving team productivity by 20%.<div>Centralized Analytics & Risk Aggregation Tool Dec 2020 – Oct 2022</div><ul style="list-style-type: none">Led MSBI ETL development for a risk analytics platform, processing 10+ TB of financial data monthly.Designed data mappings & integration strategies, streamlining data ingestion from 5+ disparate sources.Optimized data models & queries, reducing data retrieval time by 35%.Developed 200+ Stored Procedures, Tables, Views, and Functions, improving database efficiency.<div>Escalation Audit Reporting Dec 2020 – Sept 2021</div><ul style="list-style-type: none">Developed & deployed 20+ Tableau Dashboards, reducing audit reporting turnaround by 30%.Designed and implemented efficient data models, integrating diverse data sources to ensure consistent and accurate reporting across departments.Created scalable data models using normalized and denormalized structures, improving the overall performance and maintainability of reporting processes.Collaborated with cross-functional teams to refine data pipelines, ensuring the reliability and accuracy of audit data for decision-making.Optimized complex SQL queries, enhancing report performance by 40%.Engineered advanced Tableau visualizations (Cross-Tabs, Pie Charts, Donut Charts) for real-time risk analysis.Implemented data governance measures, securing access for 200+ business users.<div>Workforce Management Reporting Jan 2021 – Dec 2021</div><ul style="list-style-type: none">Built & maintained 15+ Tableau Dashboards, tracking workforce analytics for 10,000+ employees.Enhanced SQL query performance, reducing report loading times by 35%.Designed complex parameterized & drill-down reports, improving data interactivity.<div>Single-Counterparty Credit Limits (SCCL) Nov 2019 – 2024</div><ul style="list-style-type: none">Developed & optimized 50+ SSIS packages, 100+ Stored Procedures, accelerating data processing by 25%.Implemented and automated SSRS reports, improving executive reporting efficiency by 30%.Integrated Tableau dashboards for SCCL compliance monitoring, reducing risk exposure by 15%.Strengthened data governance, implementing RBAC and security monitoring for SCCL compliance.<div>Concentration Risk Reporting Nov 2019 – Mar 2021</div><ul style="list-style-type: none">Led MSBI ETL initiatives, designing 50+ Stored Procedures, SSIS packages, and SSRS reports.Optimized ETL pipelines, reducing data processing time by 40%.Developed interactive SSRS reports, enabling real-time drill-through analysis from Excel.Published & managed 50+ Tableau reports, ensuring 99.9% uptime and real-time data updates.<div>Tata Consultancy Services</div><div>December 2010 - November 2019</div><div>Data Engineer</div><div>Manpower Group RPO Business Unit Manpower</div><div>May 2017 – Nov 2019</div><ul style="list-style-type: none">Led end-to-end Data Warehouse development, from database modeling to deployment, improving data processing time by 40%.Designed and implemented Fact and Dimension Tables using Star and Snowflake schemas, optimizing reporting performance.Developed 50+ SSIS packages for ETL automation, reducing data latency by 35%.Created 40+ optimized Stored Procedures, Views, and Functions, enhancing SQL query performance by 30%.Managed Production deployments, ensuring 99% ETL job success rate and minimal downtime.Developed interactive Tableau dashboards with Quick Filters, Parameters, and Calculated Fields, improving data insights.Optimized Tableau extract refresh times, enhancing dashboard performance by 25%.Collaborated with stakeholders to define reporting needs, document ETL workflows, and provide post-deployment support.<div>Customer Relationship Management (CRM) Security Model Royal Bank of Scotland</div><div>Aug 2015 – Sept 2016</div><ul style="list-style-type: none">ETL Enhancements: Improved CRM data load efficiency by 25%, maintaining a 95% success rate for ETL jobs.Performance Optimization: Fine-tuned SQL scripts, reducing processing time by 30%.<div>Enterprise Referral Reporting Bank of America</div><div>Mar 2014 – July 2015</div><ul style="list-style-type: none">Automation & Optimization: Automated revenue processing, reducing manual efforts by 80% and ensuring 100% success rate for daily data loads.ETL Development: Integrated new tables into Data Mart, improving reporting efficiency.<div>Capital Market Access Control System (CMACS) Royal Bank of Canada</div><div>June 2012 – Feb 2014</div><ul style="list-style-type: none">Led end-to-end ETL development, automating data pipelines and reducing manual intervention by 60%.Resolved 100+ data and system issues, ensuring 99.5% system uptime and improved reliability.Optimized SQL queries and indexing strategies, reducing report execution time by 25%.Automated daily ETL workflows, minimizing manual monitoring efforts and achieving a 40% increase in operational efficiency.Enhanced data validation processes, improving data accuracy and reducing discrepancies by 30%.<div>Benefits Administration Services (BASE) Bank of America</div><div>Dec 2010 – June 2012</div><ul style="list-style-type: none">Data Warehouse Enhancements: Improved Data Warehouse structures, boosting efficiency by 30%.Stored Procedure Development: Created 20+ optimized SQL objects, enhancing database performance.</div>	

Education	National Institute of Technology, Jamshedpur	2007-2010
	9.14	Computer Science
	Birla Institute of Technology, Mesra, Ranchi	2004-2007
	8.81	Computer Science

Certifications	Data Engineering on Microsoft Azure (DP-203)
	Microsoft Certified
	Azure Fundamentals (AZ-900)
	Microsoft Certified
	Data Engineer Associate
	Databricks Certified
	Certified Tableau Desktop Specialist (Tableau 2020.2)
	Tableau
	Professional in Querying Microsoft SQL Server 2012 (70-461)
	Microsoft Certified
	Professional in Implementing a Data Warehouse with Microsoft SQL Server 2012 (70-463 MCP Exam)
	Microsoft Certified
	1Z0-051 Oracle Database SQL Fundamentals 1
	Oracle Certified Professional