

# Suman Kumari

Email ID: [sumankumari70004@gmail.com](mailto:sumankumari70004@gmail.com)  
Contact: +91-9777915046  
Location: Hyderabad  
Profile: [Suman Kumari | Data Engineer |](#)

Suman is a Data Engineer with Deloitte in the domain of Data Integration and Engineering, with over 3 years of experience. She has expertise in designing and building scalable ETL pipelines and is an AWS Certified Developer.

Work Experience (June'22 – Present)			
Deloitte India			
Consultant - Lead Data Engineer (AWS, Databricks)		(Jan'25 – Present)	
Roles and Responsibilities	<ul style="list-style-type: none"><li>Led a team of two to deliver high-quality, cost-effective, and error-resilient data engineering solutions, improving <b>delivery efficiency by 15%</b> across 6+ modules.</li><li>Collaborated with clients and product owners to gather technical requirements, design cloud-native solutions, and lead <b>Agile ceremonies</b> — achieving <b>95% sprint commitment success</b>.</li><li>Developed reusable <b>Terraform automation scripts</b>, reducing manual infrastructure provisioning effort by <b>60%</b> and increasing deployment consistency across environments.</li><li>Optimized <b>pipeline performance and cost</b> using <b>Databricks, AWS, and Terraform</b>, resulting in <b>30% faster deployments</b> and <b>20% lower compute costs</b>.</li><li>Delivered <b>knowledge transfer sessions and handover documentation</b>, ensuring smooth transitions and <b>zero post-deployment escalations</b>.</li><li>Worked on <b>AWS-based reporting and dashboarding</b> using <b>Athena and Quick Sight</b>, supporting business users with fast, ad hoc querying and visualization on large datasets.</li><li>Supported <b>on-prem to AWS migration</b> by designing hybrid ingestion patterns and enabling <b>secure access between cloud and legacy systems</b>, improving system interoperability and reducing latency.</li></ul>		
Analyst - Data Engineer (AWS, Databricks)		(Jun'22 – Jan'25)	
Roles and Responsibilities	<ul style="list-style-type: none"><li>Ingested data from <b>7+ diverse source systems</b> (CSV, JSON, COBOL, Parquet, Delta), handling <b>100+ GB daily</b> using <b>Databricks</b>, resulting in a <b>30% improvement in data availability</b> for reporting. Worked on Lakehouse architecture using Databricks and <b>Delta Lake</b> to optimize big data processing and access patterns for structured and semi-structured datasets.</li><li>Built <b>fault-tolerant near-real-time ingestion pipelines</b> using <b>Databricks Autoloader</b> with retry logic and efficient file handling, reducing latency by <b>25%</b> and improving reliability to <b>99%</b>.</li><li>Implemented deduplication logic using <b>Python and AWS Lambda</b>, eliminating <b>95%+ redundant records</b>, improving <b>data quality and accuracy</b> for downstream risk models.</li><li>Developed automated <b>test scripts in Python on Databricks</b>, reducing QA effort by <b>40%</b> and accelerating delivery timelines.</li><li>Integrated <b>MuleSoft APIs</b> to support secure real-time data exchange between systems, reducing update lag by <b>30%</b>.</li><li>Performed <b>SQL-based data validation and analysis</b> across large datasets to support business logic testing and UAT cycles.</li><li>Created <b>Excel macros</b> to auto-generate UAT documentation, saving <b>50% of manual effort</b> and improving testing efficiency.</li></ul>		
Achievements			
<ul style="list-style-type: none"><li>Applause Award: <b>Awarded by USI Deputy CTO and Project Manager</b> for consistently delivering <b>high-impact data engineering solutions ahead of schedule</b>, demonstrating ownership and technical excellence.</li><li><b>Appreciated by clients for implementing Databricks Autoloader</b>, which improved near-real-time ingestion efficiency by <b>25%</b> and reduced manual effort, along with maintaining <b>clear, proactive communication</b> that ensured smooth project execution and stakeholder alignment.</li></ul>			
Educational Qualification			
Qualification	Institute	Percentage	Year
B. Tech	KIIT University, Bhubaneshwar	90	2022
XII, CBSE	Holy Cross School, Jharkhand	89.8	2018
Soft skills		Technical skills	
<ul style="list-style-type: none"><li>Good Communication skills</li><li>Team Player</li><li>Creative thinking</li><li>Leadership quality</li><li>Strong analytical skills</li><li>Ability to establish trust-based relationship with clients and colleagues</li></ul>		<ul style="list-style-type: none"><li>Programming &amp; Scripting: Python, Spark, Java, SQL</li><li>Big Data &amp; ETL: Databricks, Apache Spark, Autoloader</li><li>Cloud Platforms: AWS (S3, Lambda, EC2, Glue, RedShift, DynamoDB, Kinesis)</li><li>Infrastructure as Code: Terraform</li><li>Workflow Automation: AutoSys, CI/CD, Jenkins</li><li>Integration: MuleSoft, REST APIs</li><li>Version Control: Git, GitHub</li><li>Streaming &amp; Messaging: Apache Kafka (event streaming, producer config tuning, Lambda integration)</li></ul>	

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## Volunteering Activities

- Organizer & Host, Fitness in Office, Deloitte: Organized monthly events including Yoga sessions, Zumba classes, and health-related games and quizzes for 30+ participants
- Volunteer, Impact Day, Deloitte: Worked with a team of 4 to conduct personality development classes, drawing classes and game sessions for 30+ underprivileged school students
- Volunteer, Impact Day, Deloitte: Recorded 5 audio books (folk & fairy tales) for visually impaired children
- Volunteer, NSS – National service scheme, KIIT University: Held classes computer basics classes for students from class 6 to 8 and C++ basics class for students of class 10-11 for a government school in Bhubaneswar.