Suman Kumari

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PROFESSIONAL SUMMARY

Data Engineer with **3+ years of experience** designing, building, and optimizing **scalable data pipelines** and architectures. Expertise in **SQL, NoSQL, AWS, Databricks, Spark**, and **ETL processes**. Strong ability to **enhance data security**, implement **data protection controls**, and optimize **data processing performance**. Proven track record of driving **automation, reducing errors, and collaborating across teams** to support data-driven decision-making.

PROFESSIONAL EXPERIENCE

Data Engineer | Deloitte (June 2022 - Present)

- **ETL Pipeline Build & Optimization**: Designed and built end-to-end ETL pipelines to efficiently ingest and transform large datasets from on-premise to cloud using Databricks, AWS, and Spark, ensuring high scalability and performance
- **Data Security & Compliance**: Implemented encryption on PII columns during data extraction in Databricks, ensuring regulatory compliance. Automated security validations to enforce encryption policies, monitor access logs, and maintain data integrity across cloud-based pipelines.
- **Developed SQL scripts for data extraction**, transformation, and loading (ETL), ensuring seamless data integration across systems. Automated Python & SQL-based data validation and integrity checks **for 400+ tables**, reducing manual errors by **60%** and improving data quality.
- **Collaborated with cross-functional teams**, including stakeholders, engineers, and analysts, to streamline ETL workflows and optimize data pipelines, enabling data-driven decision-making.
- **Agile Methodologies**: Effectively managed sprint planning and project tracking using Agile methodologies in Jira and Rally, ensuring seamless execution and team collaboration.
- **Data Modelling & Profiling**: Utilized **AWS Data Brew** for advanced data profiling, improving data quality across multiple pipelines.

Technical Consultant Intern | High Radius (June 2021 - June 2022)

- Developed & customized **EIPP portals** for invoice presentment & payment based on **client requirements**. Collaborated directly with clients to **translate business needs into technical solutions** for seamless implementations.

SKILLS

- **Programming:** Python, Spark, SQL, Java, C++
- **Databases:** SQL (RDBMS), NoSQL (DynamoDB)
- **Tools & Platforms:** AWS (Athena, Lambda, DynamoDB, SQS, Event Bridge), Data Bricks, Jenkins, Git , shell scripting
- **Soft Skills:** Strong Stakeholder Management, Team Collaboration, Team Lead

CERTIFICATIONS

- **AWS Certified Developer – Associate (DVA-C02)**
- **Microsoft Azure Fundamentals (AZ-900)**

ACHIEVEMENTS

- **Awards**: Recognized by **USI Deputy CTO & Manager** for delivering high-impact results ahead of schedule. Recognized for organizing **team-building initiatives**, improving cross-functional collaboration.

- **Client Appreciation**: Acknowledged for **automating job processes & Athena DDL creation**, reducing time & cost.

VOLUNTEERING & LEADERSHIP

- **Organizer & Host**: Led **quarterly team outings & team-building events** at Deloitte.
- **Volunteer, Impact Day**: Recorded **20 audiobooks** for visually impaired children.