Kumar A

Data Engineer, 4+ years experience
Indore, India
https://augmntx.com/profile/data-engineer-kumar-a/axo20438

AugmntX
+91 9820045154 | hr@augmntx.com

Microsoft Certified: Azure Data Engineer Associate Proficient in designing, building, and maintaining data pipelines and infrastructure to enable data-driven decision-making and business intelligence. Experienced in managing and optimizing large datasets. Experience in designing and implementing distributed systems to handle large-scale data processing and distributed computing. Proficient in Python for data manipulation, analysis, and scripting. Experienced in utilizing Microsoft Azure cloud services for deploying, managing, and scaling applications and data infrastructure Adept at integrating data-driven processes into business operations, allowing for more informed and efficient decision-making. Experience in creating data visualizations and generating reports using tools like Tableau and Looker to extract actionable insights and present them

INDUSTRIES: Healthcare, Sports

TECHNICAL SKILLS

• Python	4 years
• Tableau	4 years
• Kafka	4 years
• Machine Learning	4 years
• AWS	3 years
• ETL	3 years
• PGSQL	3 years
• Athena	2 years
• Lambda	2 years

SOFT SKILLS

Communication, Problem-solving

PROJECT DETAILS

• Onko

Project Description: Onko is an ally throughout cancer treatment, delivering bespoke health improvement programs to the palm of your hand. This unique approach combines the connectivity and intelligence of technology with the support of healthcare professionals to ensure the very best results. Technology allows for frequent education, ongoing understanding and connected care to help you achieve the best quality of life and the fastest route to recovery. Onko service ensures you are not only supported but personally empowered, energized and motivated.
Responsibilities: Implemented and maintained data pipelines that collect, process, and store healthcare data from various sources Ensuring data quality and reliability of data and create a unified and comprehensive data repository Developed ETL processes to clean, normalize, and enrich healthcare data, making it ready for analysis. Implemented data security measures to anonymised the data Worked on the data architecture to handle large data volumes and implemented batch processing Worked with Data Analyst and provided support for analytics and insights Maintaining documentation for data processes, infrastructure, and dictionaries to ensure knowledge sharing. Worked with Scrum and Agile methodologies to ensure a collaborative and iterative development approach. Created dashboards to visualize healthcare data for precise decision-making.
Technologies: Python, Tableau, Kafka, Azure, Scala, HBase, Hadoop, ETL
Industry: Healthcare

• Fantasy King

Project Description: Fantasy King is a gaming platform for football fans. An online game where participants assemble virtual teams of real-life players and earn points based on the performances of these players in real matches from a professional sport. At the end of the contests, participants are ranked based on how many points their virtual team scored.
Responsibilities: Collected real-time data from sports statistics providers to obtain information about player profiles, performances, match results Integrated data from different sources, such as live game statistics, player profiles, and historical data, into a unified data repository Performed data transformations to standardize data formats and cleaned & validated incoming data. Implemented real-time data streaming solutions to keep the platform updated with live match data, enabling real-time scoring updates for participants Maintained data stores for storing historical and real-time data, ensuring efficient data retrieval and query performance. Worked on the API integrations with external data providers to ensure a continuous stream of sports data. Develop and maintain Extract, Transform, Load (ETL) processes to update data stores with new data and perform necessary transformations. Implemented data backup and recovery solutions to prevent data loss and ensure data availability in case of system failures. Collaborated with data analysts to understand data requirements and provided support for the real-time scoring and ranking of participants.
Technologies: Python, Tableau, Kafka, Azure, Scala, HBase, Hadoop, ETL
Industry: Sports

EMPLOYMENT HISTORY

• Data Engineer Data Engineer - July-2019

Description: 4+ years’ experience in Software Development and Data Engineering. Microsoft Certified: Azure Data Engineer Associate Proficient in designing, building, and maintaining data pipelines and infrastructure to enable data-driven decision-making and business intelligence. Experienced in managing and optimizing large datasets. Experience in designing and implementing distributed systems to handle large-scale data processing and distributed computing. Proficient in Python for data manipulation, analysis, and scripting. Experienced in utilizing Microsoft Azure cloud services for deploying, managing, and scaling applications and data infrastructure Adept at integrating data-driven processes into business operations, allowing for more informed and efficient decision-making. Experience in creating data visualizations and generating reports using tools like Tableau and Looker to extract actionable insights and present them

CERTIFICATION

• Microsoft Certified: Azure Data Engineer Associate by Microsoft 2024

EDUCATION

• Bachelors degree in Computer Science from RGPV 2015 - 2019

LANGUAGES

• English - advanced

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