**Chirag Verma**

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**Profile Summary**

Started professional journey with Infostretch as an Associate Software Engineer, focusing on three significant proof-of-concept projects involving real-time data streaming through Kafka, Snowflake integration, and anomaly detection with Grafana. Transitioned to projects centred around EDH and self-service solutions, managing critical data like SSA data and implementing monitoring mechanisms for data integrity and availability. Proficient in utilizing tools such as Databricks, Azure Cloud, Win SQL, and Control-M to enhance project workflows. Demonstrated adaptability and dedication in addressing complex challenges, resulting in a positive impact on Apexon projects. Currently honing skills in IBM Cognos Analytics and BI development.

**Skills**

Technical Proficiencies: Azure Cloud | Databricks | Python | SQL | Control – M | IBM Cognos | Kafka | Grafana | WinSQL

Soft Skills: Team Collaboration | Strategic Planning | Problem Solving

**PROFESSIONAL EXPERIENCE**

**Data Engineer** | Apexon, Ahmedabad, Gujrat | October 2023 – Present (Fiserv – Payments BI Migration)

* Utilized IBM Cognos Analytics to develop and maintain complex reports to meet business requirements.
* Assist stakeholders in gathering specifications for reporting and transforming them into effective reports.
* Optimized Cognos reports for optimal performance and reliability.
* Developed actionable insights through customized reports and dashboards.
* Ensured sensitive information is protected and only accessible by authorized users within Cognos.
* Achieved data accuracy, improved system performance, and troubleshooted report generation issues.
* We are building the report based on SAP BO and building the report in cognos environment with the same functionality due to the migration.
* Created Prompts, Variables Drill through reports using parameterized filters.
* Generated List, crosstab and chart reports in Cognos 12 analytics.
* Providing the user access.
* Analysis of the specifications provided by the clients in SAP BO tools.

**Data Engineer** | Apexon, Ahmedabad, Gujrat | August 2022 – September 2023 ( Bread Financial )

* Monitoring of critical SSA data to ensure integrity and reliability every day using Control-M and Azure Cloud also using databricks.
* Custom table structures to meet client requirements, preserving historical data in Azure Cold Storage.
* Implemented new database objects, ensuring that historical data integrity was maintained throughout the process.
* Identified and addressed significant issues affecting the accuracy of the data and the creation of final reports.
* I have actively applied solutions to challenges, with many successful resolutions accruing from my efforts.
* Achieved operational excellence within projects by driving data quality.

**Associate Software Engineer** | Apexon, Ahmedabad, Gujrat | September 2021 – August 2022 (POC)

* Developed real-time data streaming solutions using Kafka, demonstrating proficiency in data ingestion and processing.
* Participated in a variety of tasks, including data warehousing with Snowflake and anomaly detection using Grafana.
* In data engineering, exhibited adaptability and a willingness to explore new technologies and methodologies.
* Actively contributed to team success by providing innovative solutions and working effectively with colleagues.

**Certifications**

* Microsoft Certified: Azure Fundamentals from Microsoft
* Generative AI Fundamentals from Databricks
* SAP Business object Essential Training

**Achievement and participation**

* Participation in the Apexon Hackathon as part of the "speechSql" team. Innovatively, we developed a bot capable of generating complex SQL queries based on table structures. Additionally, we introduced voice command functionality and error-tolerant typo text input, enhancing usability and convenience. This achievement highlighted both technical prowess and creative problem-solving skills.

**Education**

**B. Tech in CSE** *|* Geetanjali Institute of Technical Studies, Udaipur, Rajasthan *|* 2017 - 2021

**H.S.C***. |* Nav Bharat Senior Secondary School, Udaipur, Rajasthan *|* 2016 - 2017

**S.S.C.** *|*Bharat Vidhya Pith Senior Secondary School Lohariya, Banswara, Rajasthan *|* 2014- 2015

**Languages**

English, Hindi