Sampanna Sharma

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Data Engineer with a passion for helping clients maximize their data potential. Currently seeking a mid-level position to continue driving innovation in cloud data solutions.

WORK EXPERIENCE

LIS Nepal Pvt. Ltd.   Apr. 2021 – Present
Software Engineer, BI   Lalitpur, Nepal

- Built highly scalable data pipelines that processed over 1 million data records per day.
- Optimized SQL queries resulting in 40% faster report performance with improved data quality.
- Provided daily support and monitoring of ETL batches, ensuring compliance with SLA targets.
- Executed and documented E2E test plans, identifying and resolving critical defects prior to production release.
- Developed an automated testing framework, streamlining testing processes and reducing manual effort by 50%.
- Developed over 500 KPIs for Omnichannel, Supply Chain, Finance, and Customer Analytics in response to business requirements.
- Successfully collaborated with onshore teams across different locations, providing timely and detailed status updates on offshore team activities.
- Partnered with retail clients to understand their unique data challenges and provide tailored solutions:
  - Enterprise Datawarehouse for a European Online Sports Retailer: (Azure, Snowflake, Fluent Comm)
    - Created and managed a suite of Azure resources, including storage accounts, key vaults, Azure Data Factory, Logic Apps, and Batch service, to support critical data processing workflow.
    - Implemented a scalable Snowflake virtual data warehouse, utilizing dimensional data modelling
  - Omnichannel and Customer Analytics For a US Fashion Retailer: (ADF, Snowflake, Looker)
    - Developed and deployed ETL scripts and Looker Explorer for three different subject areas(Omnichannel commerce, Finance and Customer Experience).
  - Supply Chain Analytics for a Specialty Retailer: (Teradata, Konsole script, Control-M, Oracle RMS)
    - Fulfilled data requirements for four MicroStrategy Dashboards.
  - Customer Analytics for a Global Fashion Retailer (Spark, EMR, Athena, Redshift, S3)
    - Performed System Integration and Functional Testing as a Data QA.

Tootle Nepal Pvt. Ltd.   Jan 2020 – Mar 2020
Data Scientist, Intern   Lalitpur, Nepal

- Modelled consumer behaviour using LRFM & K-Means algorithm.
- Performed customer segmentation pertaining to marketing requirements.
- Build a Dashboard using python dash that showcased analytics on customer segments.

Spiralogics Inc.   Sep 2019 – Nov 2019
Dotnet Dev, Intern   Kathmandu, Nepal

- Delivered high-quality, test-driven code in C# for internal tools related to task management.
- Participated in sprint planning and attended daily stand-ups to ensure the timely delivery of project milestones.

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EDUCATION

IOE Pulchowk Campus, Tribhuvan University   Mar 2021
Bachelor's in Computer Engineering   Lalitpur, Nepal

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** AZ-900, DP-900
- **Interests:** I am active on #TidyTuesday. [Here]() are some visualisations that I have submitted.