

Jayas Piya *Software Engineer*

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Profile

Software Engineer with a focus on developing and maintaining data connectors, troubleshooting issues, and ensuring data integrity in pipelines. With a passion for continuous learning, I thrive on taking on new challenges to expand my skill set and stay updated with the latest industry trends. I am eager to contribute my knowledge and enthusiasm to collaborative teams and contribute to innovative software solutions.

Professional Experience

Software Engineer

Techkraft Inc

Oct 2022 – present
Lalitpur

Engaged in the US Healthcare Domain.

- Develop and maintain efficient workflows for data pipelines, maximizing scalability and adhering to industry best practices.
- Parse HL7 and FHIR datasets, enhancing capabilities in managing healthcare data with precision and compliance.
- Develop and execute comprehensive test cases and conduct code reviews to enhance data pipeline reliability.
- Proficient in documenting data lineage, analysis processes, ingestion plans, and data pipelines for clarity and transparency.

Data Trainee

Techkraft Inc

Jul 2022 – Sep 2022
Lalitpur

- Develop complex business logic for data transformation and validation with PL/SQL.
- Analyze structured data by filtering, grouping, merging, and aggregation in Pandas.
- Create custom functions & automate tasks in Google Sheets with Apps Script.
- Data Visualization in python & web interface.
- Query & manipulate JSON data with JQparser.

Education

BSc(Hons) Computing

Softwarica College of IT and E-commerce

2021 – 2022
Kathmandu

BTEC HND, Computing

ISMT College

2019 – 2021
Bharatpur

Skill Sets

- | | | | |
|------------------------|------------------|------------------|-----------------|
| • Databricks / Pyspark | • Data Analytics | • AWS Cloud | • ETL Pipelines |
| • Tableau | • SQL | • Data Warehouse | • Data Modeling |

Certificates

- | | |
|---|---|
| • Google Data Analytics - Coursera | • Big Data Fundamentals with PySpark - Datacamp |
| • Oracle Database 19c: PL/SQL - LinkedIn | • Oracle Database 12c: Advance SQL - LinkedIn |
| • Oracle Database 12c: Advance SQL - LinkedIn | • Software Engineering Principles Python - Datacamp |