

# Jayas Piya *Software Engineer*

✉ jayaspiya52@gmail.com    ☎ +977-9865005541     /jayaspiya     /jayaspiya    🔗 <https://jayaspiya.com.np/>

## 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

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|------------------------|------------------|------------------|-----------------|
| • 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 12c: Basic SQL - LinkedIn | • Oracle Database 12c: Advance SQL - LinkedIn       |
| • Oracle Database 19c: PL/SQL - LinkedIn    | • Software Engineering Principles Python - Datacamp |