

MAHIMA KOIRALA

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EXPERIENCE

Business Process Management Intern – BitsKraft Pvt. Ltd.

Jan 2025 – Sept 2025 | Kathmandu, Nepal

- Automated business process workflows using Nintex K2 and used SQL Server to write Stored procedures to retrieve and validate data
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FELLOWSHIP AND CERTIFICATIONS

AWS Fellowship Cohort 2.0

- Implementation of AWS services including EC2, Lambda, S3, RDS, VPC, IAM and CloudWatch for cloud deployment and management.

DataCamp Data Engineer Associate Certification

- Implemented skills in SQL, Python, ETL pipelines, data modeling, data warehousing, and data engineering workflows.
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EDUCATION

- Trungram International Academy (SEE, 2018)
 - National School of Sciences (+2, biology, 2019-2021)
 - St. Lawrence College (BSc. CSIT, 2022-2026) :Learnt about **Operating System**, Database Management System, Advances Database, Cloud Computing
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SKILLS

- Programming Languages: Python, JavaScript, C, C++, PHP, Django Framework
 - Databases: MySQL, MS SQL Server, MongoDB
 - Data Engineering: ETL, Data Cleaning, Data Modeling, Apache Airflow
 - Tools: Excel, Git, GitHub, Linux, Docker
 - Visualization: PowerBI
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PROJECTS

Netflix Data Cleaning and Analysis:

- <https://github.com/mahimakoirala/Netflix-Data-Cleaning-and-Analysis>
- Built an ETL pipeline using Python and SQL server to clean, transform and analyze Netflix data.
- Loaded processed data into SQL server for querying and wrote sql queries to extract business insights.

Customer Shopping Behavior Analysis

- https://github.com/mahimakoirala/customer_shopping_behaviour_analysis
- Built end-to-end data analytics workflow using Python, PostgreSQL and PowerBI by performing data cleaning, EDA, SQL based analysis and developing an interactive dashboard to visualize key insights.

BookStore Project: <https://github.com/mahimakoirala/BookStore-Project>

- Developed a simple web application using PHP and MySQL to manage books.
- Implemented basic CRUD operations using PHP and MySQL.

House Price Prediction System : <https://tinyurl.com/yx74su8s>

- Built a house price prediction system using linear regression model and Django for a simple interface