

# Rohan (Ron) Chhetry

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## Professional Summary

A data engineering professional with two years of comprehensive experience in software development and designing and implementing robust data solutions. I possess a proven ability to build scalable, Python-based ETL pipelines and deploy serverless tools on cloud platforms like AWS, with skills readily transferable to Azure environments. My expertise in data warehousing with Snowflake is directly applicable to modern data lakehouse platforms like Databricks. Eager to apply my skills in data architecture, problem-solving, and solution design to a challenging Data Engineer role, contributing to key technological and business outcomes

## Technical Skills

- **Cloud & Data Platforms:** AWS (Management Console), Snowflake (Experience is directly transferable to Azure, Databricks, and Delta Lake environments)
- **Programming & Databases:** Python, PySpark, SQL, T-SQL
- **Data Visualisation:** Power BI, Tableau
- **CI/CD & DevOps:** Git, GitHub, Jira, SCRUM, Infrastructure as Code (IaC) principles
- **AI/ML Concepts:** Machine Learning, Deep Learning, Computer Vision, Natural Language Processing

## Technical & Analytical Experience

### **Associate Data Engineer (Full Time) - Genese Solution, Bakhundole, Nepal**

Feb 2023 - Jan 2024

- **Engineered** serverless, dynamic data processing solutions using Python on the AWS platform, reducing report processing times by an estimated 40% for a US healthcare provider
- Acted as a **technical lead** for a project team over seven months, delivering a complex, domain-specific chatbot to automate customer inquiries. This experience demonstrates strong mentoring and leadership capabilities, aligning with the responsibilities of a technical lead.

### **Data Engineering Apprentice (Part Time) - Code Rush, Dhobhigaht, Nepal**

Nov 2022 - June 2023

- Developed and deployed scalable data processing workflows on AWS, establishing a strong foundation in cloud-based architecture for **data lakes** and **warehouses**
- Managed project cycles using **SCRUM** methodologies, ensuring clear communication and presenting regular progress updates to team members and stakeholders.

### **Software Engineering Intern (Part Time) - LIS Nepal (Yomari), Manbhawan, Nepal**

Aug 2022 - Feb 2023

- Designed and implemented robust, Python-based **ETL pipelines** to migrate data from multiple sources into a centralised Snowflake data warehouse. This demonstrates core expertise in data ingestion, transformation, and management applicable to Databricks and Delta Lake environments.
- Contributed to a 4-person team using Jira and Git for agile development, version control, and release management.

## Education

### **Master of Data Science - Charles Darwin University, Sydney**

- **Key Coursework:** Data Visualisation, Business Intelligence, Business Analytics, Project Management, Risk Analytics.

### **Bachelor of Computer Engineering - Institute Of Engineering, Pulchowk, Nepal**

- **Relevant Coursework:** Big Data, Artificial Intelligence, Data Structures & Algorithms.

## **Professional Memberships**

**Associate Member** - Australian Computer Society

Feb 2024 - Present

**General Member** - IEEE Pulchowk Student Branch, Nepal

Sep 2022 - April 2023

## **Technical Training & Fellowships**

**Artificial Intelligence Fellowship - Fusemachines, Nepal**

Mar 2022 - Dec 2023

A competitive scholarship program focused on AI micro degrees: **Machine Learning, Deep Learning, Computer Vision, and Natural Language Processing.**

**Data Fellowship - Code For Nepal, Nepal**

Jan 2023 - June 2023

Completed a career track focused on practical skills in Python, data analytics with SQL, and dashboard development in Tableau.

## **Awards & Competitions**

- **Organiser** | Locus Yomari Coding Competition 2023, Locus **Jan 2023**
- **Winner** | Yomari Coding Competition, Yomari **Nov 2022**
- **Winner** | Datathon OpenIMIS-DRG Thailand, AeHIN **June 2022**
- **Presenter** | Asian eHealth Information Network Hour, AeHIN **Mar 2022**
- **Participant** | Third NAAMII Winter School, NAAMII **Dec 2021**