

# Rohan (Ron) Chhetry

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## Professional Summary

With two years of comprehensive experience in data engineering and software development, I have proven ability in building Python-based ETL pipelines, deploying serverless tools on cloud services like AWS, and creating insightful reports with visualisation tools Power BI/Tableau. My experience includes designing solutions, gathering system requirements, and solving complex problems. I am eager to leverage my skills in a challenging Data Engineer role to contribute to key technological and business outcomes.

## Technical Skills

- **Cloud & Data Platforms:** AWS (Management Console), Snowflake
- **Programming & Databases:** Python, SQL
- **Data Visualisation:** Power BI, Tableau
- **AI/ML Concepts:** Machine Learning, Deep Learning, Computer Vision, Natural Language Processing
- **Development Tools & Methodologies:** Git, GitHub, Jira, SCRUM, Risk Analysis

## Work Experience

### **Project Data Analyst (Intern) – UniPhi Software, Sydney, Australia**

July 2025 - Present

- **Contributed** to the development of a predictive AI system on Azure Cloud to forecast long-term human resource planning needs, enabling data-driven strategic workforce decisions.
- **Engineered and automated** robust ETL/ELT pipelines using Azure Data Factory, ingesting and processing huge volumes of disparate HR data into a centralized Azure Data Lake Storage Gen2.
- **Implemented** complex data cleaning and transformation logic, including the application of Uniclass mapping to standardize job roles and skillsets, significantly enhancing data quality and model accuracy.
- **Utilised** Azure Machine Learning Studio to train, evaluate, and experiment with predictive models, focusing on time-series forecasting for employee demand.
- **Ensured** secure management of data pipeline credentials, keys, and secrets by integrating Azure Key Vault, adhering to best practices for cloud security and governance.

### **Proactive Service Team Member (Part Time) - Woolworths, Australia**

April 2024 - Present

- **Contributed** to the store becoming #1 in Zone 3 by consistently exceeding \$1M in weekly sales, a performance uplift acknowledged by management.
- **Deliver** high-quality customer service in a fast-paced retail environment, enhancing front-end operations and reducing queue times.

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

Feb 2023 - Jan 2024

- **Led** a project team for seven months, delivering a domain-specific chatbot in under 30 days to automate customer service inquiries.
- **Engineered** a serverless, dynamic medical report generator using Python and AWS, reducing report processing times by an estimated 40% for a US healthcare provider.

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

Nov 2022 - June 2023

- **Developed** and deployed scalable data processing workflows using core AWS services and data engineering best practices.
- **Managed** project cycles using SCRUM methodologies, 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 Python-based ETL pipelines to migrate data from multiple sources into a centralised Snowflake data warehouse.
- **Developed** interactive dashboards in Power BI and Tableau to visualise data and deliver key insights that informed management decision-making.
- **Contributed** to a 4-person team on an OCR and text-to-speech project, using Jira and Git for agile development and version control.

### **Software Programming Instructor (Part Time) - Kathford Int'l College, Balkumari, Nepal**

Dec 2023 - Feb 2024

- **Instructed** 50+ college-level students in fundamental programming concepts, data structures, and algorithms.

## **Education**

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

- **Key Coursework:** Data Visualisation, Business Intelligence, Business Analytics, Project Management, Risk Analytics.
- Applied analytics principles to case studies, developing frameworks for enterprise systems analysis and data-driven reporting.
- Active member of 'Your Student Voice CDU,' contributing to student advocacy and university initiatives.

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

- **GPA:** 3.5 / 4.0
- **Relevant Coursework:** Big Data, Artificial Intelligence, Data Structures & Algorithms.

## **Volunteering & Community Engagement**

**Retail Volunteer** - St Vincent de Paul Society, Toongabbie

June 2025 - Present

**IT Head & Advisor**- Leo Club of Kathmandu Budhi Gandaki, Nepal

Sep 2020 - Feb 2024

## **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**