

Rohan Chhetry (Ron)

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Professional Summary

Data-driven professional with over two years of experience across data engineering, analytics, and software development. Skilled in designing Python-based ETL pipelines, deploying serverless cloud solutions (AWS & Azure), and producing interactive dashboards in Power BI and Tableau. Proven ability to transform complex datasets into actionable insights supporting informed business decisions. Seeking to contribute to data-centric innovation through analytical problem-solving and end-to-end solution delivery.

Technical Highlights

Programming: Python (Pandas, NumPy, scikit-learn), SQL (PostgreSQL, MySQL)

Data & Cloud Platforms: AWS (Lambda, S3, Glue), Azure (ADF, ML Studio, Data Lake), Snowflake

Visualisation & BI: Power BI, Tableau, Excel (Pivot Tables, Power Query)

AI & ML: Machine Learning, Deep Learning, NLP, Computer Vision

Development & Collaboration: Git, GitHub, Jira, Agile / SCRUM, Risk Analysis

Key Projects

Predictive AI System for Workforce Planning – UniPhi Software (Sydney, 2025)

Built a predictive analytics solution on Azure Cloud to forecast long-term human-resource demands using time-series models in Azure ML Studio, improving workforce-planning accuracy and strategic decision-making.

Serverless Medical Report Generator – Genese Solution (Nepal, 2023)

Developed a Python + AWS serverless pipeline automating medical-report creation, reducing processing time by 40 % and ensuring scalable, secure data workflows for a US healthcare client.

Domain-Specific Chatbot for Customer Service Automation – Genese Solution (Nepal, 2023)

Led a team to design and deploy an NLP-based chatbot within 30 days, reducing customer response times and increasing automation efficiency.

OCR & Text-to-Speech System – LIS Nepal (Yomari, 2022-23)

Collaborated on a Python-based OCR and TTS solution that extracted and vocalised text data, improving accessibility and document-processing speed.

Professional Experience

Project Data Analyst (Intern) – UniPhi Software, Sydney Jul 2025 – Present

- Built automated ETL pipelines in Azure Data Factory integrating HR datasets.
- Applied Uniclass mapping to standardise roles and improve data quality.
- Developed time-series models in Azure ML Studio for workforce forecasting.

- Secured secrets via Azure Key Vault following governance standards.

Proactive Service Team Member – Woolworths, Australia Apr 2024 – Present

- Contributed to #1 Zone 3 store with weekly sales > \$1 million.
- Delivered efficient front-end operations and customer service.

Associate Data Engineer – Genese Solution (Nepal) Feb 2023 – Jan 2024

- Led a seven-month project delivering chatbot automation in 30 days.
- Built AWS-based serverless medical-report generator reducing time 40 %.

Software Engineering Intern – LIS Nepal (Yomari) Aug 2022 – Feb 2023

- Created ETL pipelines migrating data into Snowflake.
- Built Power BI/Tableau dashboards for decision-making.

Data Engineering Apprentice – Code Rush (Nepal) Nov 2022 – Jun 2023

- Designed scalable AWS data workflows using best practices.

Software Programming Instructor – Kathford Int'l College (Nepal) Dec 2023 – Feb 2024

- Taught 50 + students programming, data structures, and algorithms.

Education

Master of Data Science – Charles Darwin University, Sydney

Key Subjects: Data Visualisation, Business Intelligence, Risk Analytics, Project Management.

Bachelor of Computer Engineering – Institute of Engineering, Pulchowk (Nepal)

GPA 3.5 / 4.0 | Courses: Big Data, AI, Data Structures & Algorithms

Certifications & Fellowships

Artificial Intelligence Fellowship – Fusesmachines (2022-23)

Data Fellowship – Code For Nepal (2023)

Associate Member – Australian Computer Society (2024-Present)

Volunteering & Awards

Retail Volunteer – St Vincent de Paul Society (2025-Present)

IT Head & Advisor – Leo Club of Kathmandu Budhi Gandaki (2020-24)

Winner – Yomari Coding Competition (2022) | Datathon OpenIMIS-DRG Thailand (2022)

Organiser – Locus Coding Competition (2023) | Presenter – AeHIN Hour (2022)