

Nho Thanh Le

Sydney, NSW | 0432 813 909 | lenhothanh.nsl@gmail.com | linkedin.com/in/tle057 | <https://www.thanhle.it.com/>

PROFILE

Aspiring Data Engineer and current Master of IT and IT Management student majoring in Data Management & Analytics. Skilled in SQL, Python, and ETL processes, with hands-on project experience in data cleaning, transformation, and integration. Proficient in building and optimizing data workflows, troubleshooting pipeline issues, and applying data quality checks. Eager to contribute to real-world data engineering projects, leveraging technical skills and problem-solving abilities in a professional setting.

EDUCATION

Master of Information Technology & Master of IT Management | Major: Data Management & Analytics
The University of Sydney (Jul 2023 – Present)
- Coursework in PostgreSQL, Tableau, Pandas, Seaborn, LaTeX, and ETL with Pentaho Data Integration

Bachelor of Science in Information Technology | Major: Data Analytics
University of Technology Sydney (Feb 2019 – Nov 2022) — Graduated with Distinction
- Core skills: SQL, Tableau, Python, HTML, CSS, Swift

KEY SKILLS

- Data Engineering: ETL workflows, data cleaning, transformation, integration
- Programming: SQL, PostgreSQL, Python (Pandas, Seaborn, Matplotlib)
- Data Warehousing: Understanding of relational databases and cloud data concepts
- Tools & Collaboration: Git version control, Jupyter, Pentaho Data Integration (PDI)
- Problem Solving: Analytical thinking, pipeline troubleshooting, performance optimization

PROJECT EXPERIENCE

- Supersize the Image – AI-Powered Image Processing

Integrated PostgreSQL with a Django application to manage and process user data; applied data cleaning and transformation techniques for AI-powered image enhancement.
<https://github.com/tle057zz/super-reso>

- Google Play Store Apps & Reviews Analysis

Built Python scripts to clean, transform, and analyze datasets of over 10,000 app records; optimized SQL queries to extract insights for visualization.
<https://github.com/tle057zz/The-Android-App-Market-on-Google-Play>

- Netflix Duration Trends Report

Processed large datasets using Python and Pandas, performing cleaning, transformation, and time-series analysis to detect trends.

<https://github.com/tle057zz/Investigating-Netflix-Movies-and-Guest-Stars>

- Web App for Marvel Hero Analytics

Developed backend functions to manage and retrieve NoSQL data; integrated analytics features for real-time visualization.

<https://github.sydney.edu.au/COMP5347-COMP4347-2024/Lab-12-Group1-A2>

- Twitter Sentiment Analysis – 2016 US Election

Extracted, cleaned, and analyzed large volumes of text data using Python NLP libraries; implemented data pipelines for sentiment classification.

WORK EXPERIENCE

Linkcloud.io – Link Group – Back-end Intern
Sydney, NSW | Part-time (Sep 2023 – Nov 2023)

- Developed backend services using Kotlin & Spring Boot, focusing on system integration and scalability
- Applied Git for version control and collaborated in an agile environment
- Contributed to debugging and optimization of application components

Comserve Technology Ltd – Repair Technician
Sydney, NSW | Part-time (Jul 2022 – Dec 2022)

- Provided technical troubleshooting and solutions for software and hardware systems
- Delivered client-focused service with clear communication and problem resolution

CERTIFICATIONS & COURSES

- SQL Fundamentals Track – DataCamp (PostgreSQL), Credential ID: 0c2e85719aff01ecc77f176bd7b9c5105261fe6c
- Building a REST API with Python and Flask – Coursera, Credential ID: AXF9XBKP48UG

INTERESTS

Data engineering, big data processing, ETL workflows, data quality management, cloud data platforms