



# CHAMATHKA NETHMINI

## DATA ENGINEERING INTERN

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[Github](#) | [Linkedin](#)

Final-year BIT undergraduate with hands-on experience in data engineering. Built ETL pipelines, data visualization dashboards, and analytics solutions using Python, SQL, Pandas, and BigQuery. Experienced with Power BI for business intelligence. Passionate about transforming raw data into actionable insights.

### TECHNICAL SKILLS

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**Languages:** Python, SQL

**Data Engineering:** ETL/ELT pipelines, data preprocessing, Pandas, NumPy

**Analytics & BI:** Power BI, BigQuery, Looker Studio, DAX, data modeling

**Databases:** SQLite, relational databases

**Tools:** Git, VS Code

### EDUCATION

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**Bachelor of Information Technology | University of Moratuwa**      **Sep 2023 - Sep 2026**

Relevant Coursework: Mathematics for IT, Essentials of Machine Learning, Fundamentals of Artificial Intelligence, Discrete Mathematics.

### PROJECTS

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**Mini Data Engineering Project – Python, Pandas, SQLite** [[Github Link](#)]

- Built an ETL pipeline for CSV datasets: cleaning, analysis, visualization, and storage in an SQLite database.
- Generated charts and statistical summaries to extract insights.

**BigQuery Data Analytics Project** [[Github Link](#)]

- Analyzed the Austin 311 Service Requests dataset using BigQuery.
- Created dashboards and visualizations with Looker Studio.
- Extracted actionable insights from large datasets to demonstrate cloud-based analytics.

**Retail Sales Analytics Dashboard (Power BI | Python)** [[Github Link](#)]

- Performed data cleaning and preprocessing in Python (VS Code) and loaded the refined dataset into Power BI.
- Developed interactive dashboards showcasing product performance, sales trends, and regional insights, supported by DAX measures for automated KPI tracking.

### CERTIFICATIONS

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- 5-Day Generative AI Intensive Course - Google & Kaggle (2025)
- GitHub Professional Certificate (2025) - LinkedIn Learning and GitHub
- Docker Foundations Professional Certificate - LinkedIn Learning and Docker

### ADDITIONAL INFORMATION

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- Languages: English (Intermediate), Sinhala (Native), Japanese (JLPT N5/N3)
- Volunteer: Code Club Mentor at STEMUP Education—teaching programming to local students.
- Achievements: SLIoT 2025 Top 20 Finalist, Hacktoberfest 2024 Open Source Contributor
- Interests: Open-source development, AI/ML technologies, Robotics, community tech education