

SATWIK TRIPATHI

Kathmandu, Nepal

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ABOUT ME

Detail-oriented aspiring Data Engineer with hands-on experience in Python, SQL, ETL concepts, and database systems. Currently interning at GrowByData, building a strong foundation in data workflows and data infrastructure. Quick learner with a strong analytical mindset and a passion for solving real-world problems using data.

EDUCATION

Tribhuvan University

Bachelor of Computer Application

2022 – 2026

Dhobhighat

Daksh Gurukul – IIT Guwahati

Credit Linked Program in Data Science

2024 – 2025

Guwahati

DAV College

High School (+2) with Computer Science

2019 - 2021

Jawalakhel

EXPERIENCE

GrowByData

Data Engineering Intern

Sept - Dec, 2025

- Assisted in developing and optimizing ETL data pipelines to automate data ingestion and transformation.
- Collaborated on data quality checks and validation to ensure consistent analytics outputs.

PROJECTS

CipherBox | Jakarta EE, JSP, MySQL, AES-128, PBKDF2, Bootstrap

Jul. 2025

- Developed a secure web platform for file encryption, decryption, and storage using AES-128 and PBKDF2.
- Implemented password verification, two-factor authentication (2FA), and email-based OTP verification.

ML Pipelines | Python, scikit-learn, TensorFlow, Pandas, Matplotlib, Librosa, OpenCV

2024 - 2025

- California Housing Prices Prediction
- Titanic Survival
- MNIST Digit Recognition
- Sentiment Analysis
- WildFire Detection
- Malaria Detection

NewsApp | Android Studio, Java, XML, Volley, NewsAPI

Jul. 2025

- Android app that fetches and displays real-time news articles using the NewsAPI service.
- Implemented categorized feeds, search functionality, and smooth UI navigation with RecyclerView.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Co-Founder, Cognito IT Club – DAV College

- Founded and led the college's first IT club to promote technical growth, collaboration, and peer learning.

Lead Organizer, First National-Level Hackathon – DAV College

- Spearheaded the planning and coordination of the college's first national hackathon, fostering innovation and teamwork among participants.