

BIMAL SHAHI

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PROFILE

Final Year Computer Engineering student at Kathford College and scholarship recipient with expertise in **SQL data integrity**. Passionate about mastering **Big Data workflows** while supporting high-scale healthcare products through rigorous testing and ETL logic.

SKILLS

- **Technical:** SQL (CTEs, Joins, Window Functions, Aggregations), Python, Statistics, ETL Logic, Data Visualization.
- **Tools:** MS SQL Server, Tableau, MS Excel, Github, VS Code, AWS (S3, EC2).

EDUCATION

Kathford International College of Engineering and Management Lalitpur, Nepal
Bachelor of Computer Engineering 2022–Present

- **Academic Scholarship:** Awarded for high academic performance in Engineering core subjects.
- **Relevant Coursework:** Database Management Systems (DBMS), Software Engineering, Data Mining, Systems Analysis.

EXPERIENCE

Kathford International College Lalitpur, Nepal
Student Engineer (Academic Projects) 2022–Present

- Focused on **database schema design** and module testing within the SDLC framework.
- Performed debugging and documented technical workflows for academic software projects.

PROJECTS

COVID-19 Data Exploration 2024

- Cleaned and explored global COVID-19 datasets using SQL, handling missing values and inconsistent formats.
- Developed complex queries using **Joins and Aggregations** to calculate death percentages.
- Published an interactive **Tableau dashboard** visualizing global metrics and country-level trends.

Nashville Housing Data Cleaning 2024

- Performed end-to-end data cleaning on **56,000+ residential records** using SQL Server.
- Utilized **CTEs and Window Functions** to identify/remove duplicates and standardize address fields.
- Improved dataset usability for downstream analysis by standardizing date formats and handling null values.

CERTIFICATIONS & ACHIEVEMENTS

- **Certifications:** Alison Intro to Data Analysis (Jan '26), AWS Graduate (July '25), IBM Data Analysis with Python (July '25).
- **Scholarship:** Awarded based on excellence in technical coursework and engineering labs.
- **Portfolio:** Managed a public repository of SQL scripts and visual analytics projects on GitHub.