

SUMIT NIVERIYA

IT & Database Specialist

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PROFESSIONAL PROFILE

Goal-oriented Computer Information Technology student specializing in database design and systems analysis. Proven ability to translate complex business requirements into efficient SQL database structures. Seeking a practicum opportunity to contribute strong data modeling, troubleshooting, and backend development skills in a professional IT environment.

TECHNICAL SKILLS

- **Database Management:** MySQL, SQL Server, Oracle, MongoDB, Normalization (1NF-3NF), ERD Modeling.
- **Programming & Web:** SQL (Advanced), Python (Basic), PHP, HTML5/CSS3.
- **Tools & Software:** DBeaver, Microsoft Visio, GitHub, VS Code, Linux (Ubuntu), Windows Server 2019.
- **Core Competencies:** Systems Analysis, Requirement Gathering, Troubleshooting, Data Integrity.

KEY ACADEMIC PROJECTS

Fuzzy Peach Salon Management System (PeachTrack)

Fall 2025

Backend Developer & Database Designer

Lethbridge College

- Designed a centralized web-based system to replace manual paper tracking for a local beauty business.
- Engineered the **relational database schema (MySQL)** to track employee shifts, tips, and sales transparency.
- Created detailed **Entity Relationship Diagrams (ERD)** and Data Dictionaries, ensuring data integrity across 6+ related entities.
- Defined the **CRUD matrix** to map user permissions (Admin vs. Employee) for data security.
- Collaborated in a 5-person agile team to produce feasibility analysis and system requirement specifications.

E-Commerce Inventory Database

Fall 2023

Database Architect

Lethbridge College

- Architected a normalized database solution for a high-volume retail inventory system.
- Wrote complex **SQL queries** (Joins, Subqueries, Stored Procedures) to generate sales reports and track stock levels.
- Optimized query performance through strategic **indexing** and efficient table structures.

EDUCATION

Diploma in Information Technology

Expected 2025

Lethbridge College

Lethbridge, AB

- **Relevant Coursework:** Database Design, Data Structures, Systems Analysis & Design, Network Administration.

CERTIFICATIONS

- **SQL Fundamentals** – Coursera
- **Database Management Systems (DBMS) Certificate** – AML

VOLUNTEER EXPERIENCE

Peer Tech Support

2023 – Present

Student Mentor

Lethbridge College

- Mentored classmates in troubleshooting SQL syntax errors and database connection issues.
- Demonstrated patience and clear communication while explaining complex normalization concepts.