

Komal Singh Shekhawat

Dehradun, India | Open to PAN-India Roles | +91-9258061649
komalsinghshekhawat825@gmail.com | linkedin.com/in/komalshekhawat7

PROFESSIONAL SUMMARY

Software Engineer aspirant with strong foundations in programming, data structures, and software development lifecycle (SDLC). Experienced in designing, building, testing, and analyzing applications through academic and hands-on projects. Quick learner with good analytical, problem-solving, and communication skills, capable of delivering quality code in fast-paced environments.

EDUCATION

Bachelor of Technology – Artificial Intelligence & Machine Learning
Dev Bhoomi Uttarakhand University

Aug 2021 – Jul 2025
CGPA: 7.53

TECHNICAL SKILLS

Programming: Python, SQL, Machine Learning

Core Concepts: Data Structures, CRUD, OOPs, SDLC, Debugging, Problem Solving

Web & Tools: HTML, CSS, REST APIs, Git, VS Code

Data & Visualization: Excel, Power BI, Pandas, NumPy, Matplotlib, EDA

EXPERIENCE

Data Science & AIML Club

Dev Bhoomi Uttarakhand University

Dec 2021 – Apr 2025

- Collected real-world datasets and framed **analytical problem statements** to support performance improvement use cases.
- Performed **data preprocessing, cleaning, and validation** using Python in Jupyter Notebook.
- Conducted **exploratory data analysis (EDA)** to identify trends, anomalies, and key behavioral patterns.
- Designed logic to analyze operational metrics such as usage patterns, cancellations, and ratings.
- Built interactive dashboards in **Power BI** using DAX to extract actionable insights.
- Collaborated with peers, documented findings, and delivered outputs within defined timelines.

PROJECTS

OLA Performance Analysis

Python, Power BI, SQL

- Collected ride data and defined analytical objectives to improve operational performance.
- Cleaned and transformed raw datasets using Python for accurate analysis.
- Performed EDA to study **ride cancellations, vehicle utilization, and driver/vehicle ratings**.
- Uploaded processed data to Power BI and applied **DAX functions** to derive KPIs.
- Created interactive dashboards and storytelling visualizations to support **data-driven decision-making**.

Student Management System

Python, SQL

- Defined functional requirements and designed a structured data model for student records.
- Implemented CRUD operations using Python and SQL for efficient data handling.
- Applied modular programming and basic **OOP principles** to improve code readability and maintainability.
- Tested application workflows, handled edge cases, and ensured data consistency.

CERTIFICATIONS

Microsoft Power BI Data Analyst Fundamentals
AWS Certified Cloud Practitioner
Google Cloud Database Engineer