

# ANISH SUBEDI

Data Engineer | DotNET Developer

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Pokhara, Nepal

## SUMMARY

An undergraduate Computer Engineering student at Kathmandu University with strong hands-on experience in Data Engineering, Software Development, and Data Analytics. Proficient in SQL, Python, Power BI, C, and Asp.NET core with a solid foundation in data preprocessing, data warehousing, and dashboard visualization. A disciplined and results-driven individual who effectively manages multiple projects with focus, curiosity, and innovation.

## EDUCATION

- **BE. ComputerEngineering** | Kathmandu University | Dhulikhel, Nepal  
Program Duration: 2021 – 2025 (Running)
- **NEB +2** | SOS Hermann Gmeiner School Gandaki | Pokhara, Nepal  
GPA : 3.66

## SKILLS

### Data Engineering Skills

- SQL (MySQL), Python (NumPy, Pandas), Data Warehouse, ETL Processes, Data Cleaning & Transformation
- Data Visualization: Power BI, Streamlit, Matplotlib
- VSCode, Visual Studio, MySQL Workbench, DBeaver

### Additional Technical & Soft Skills

- .NET Development (ASP.NET Core MVC), API Integration through .NET, Firebase, YOLO, Flutter
- Artificial Intelligence (AI), Machine Learning (ML), CSS, Azure
- Git/GitHub, Postman
- Analytical Thinking, Problem Solving, Attention to Detail, Time Management, Team Leadership, Adaptability

## WORK EXPERIENCE

### Researcher & AI Trainer

2024 – Present

Digital Learning Research Lab – Kathmandu, Nepal

- Conducted AI tool prompt engineering training for the Armed Police Force (APF), Nepal

- Delivered sessions on tools like ChatGPT, Perplexity, Gemini Gems, NotebookLM, Curi-pod, and Gamma
- Trained computer teachers from Banepa on AI tool usage and prompt engineering

#### **Data Science Intern**

*Online Internship, 2025*

CodSoft – Remote

- Learned and implemented **\*\*Linear Regression\*\*** and **\*\*Content-Collaborative Filtering\*\***
- Performed data analysis to identify trends and insights
- Gained hands-on experience in data preprocessing and analytics workflows

#### **KUCC Cup Coordinator**

*2024 – Present*

Kathmandu University Computer Club (KUCC)

- Coordinated KUCC Cup events, demonstrating strong leadership and communication skills
- Managed teams and logistics for club activities, ensuring smooth execution of events

### **PROJECTS**

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#### **SQL Data Warehouse | GitHub Link**

- Designed and deployed a SQL Server data warehouse integrating 25K+ ERP CRM records, improving reporting speed by 30%.
- Developed automated ETL pipelines to process large CSV datasets, reducing manual workload by 50%.
- Implemented dimensional models (star schema) to optimize analytical queries for actionable business insights.
- Generated SQL analytics reports detailing sales trends, customer behavior, and product performance.

#### **Sales Reporting Dashboard | GitHub Link**

- Created an interactive Power BI dashboard analyzing company sales data.
- Visualized revenue, profit, regional performance, and product trends for leadership reporting.

#### **Nepal Plate Vision | Python, YOLOv8, Computer Vision | GitHub Link**

- Developed a two-stage YOLOv8 system for Nepali license plate detection and character recognition.
- Trained and evaluated on custom dataset for robust detection at varying vehicle speeds.
- Presented at 2024 Gandaki University International Conference (GUIC) with live demo and deployment roadmap.

### **ChatMate** | ASP.NET Core, SignalR | GitHub Link

- Developed a Facebook-style chat application with real-time messaging using SignalR.
- Implemented authentication, user profiles, and role-based access control.
- Designed a scrollable chat feed, sidebar for friends, and responsive UI for seamless interaction.

### **Movie Recommendation System** | Python, Flask, Machine Learning | GitHub Link

- Built a hybrid recommender system using content-based and collaborative filtering techniques.
- Implemented TF-IDF, CountVectorizer, cosine similarity, and user-based filtering models.
- Deployed on a Flask web server with responsive UI for real-time movie recommendations.

## **CERTIFICATIONS & TRAININGS**

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|--|-------------------|
| • Beginner T-SQL Course – SQL Climber          | Verification Link |
| • Elementary T-SQL Course – SQL Climber        | Verification Link |
| • Intermediate SQL Certificate – HackerRank    | Verification Link |
| • Codesoft Data Science Internship Certificate |                   |
| • Crash Course on Python – Coursera            | Verification Link |

## **LANGUAGES**

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| • Nepali: Native | Hindi: Fluent | English: Fluent |
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