Pramod Kumhal

+977-9804418920 | pramodkumhal369@gmail.com

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Pokhara, Kaski, Gandaki Province, Nepal

EDUCATION

• IOE, Paschimanchal Campus   April 2023 - Present
Bachelors in Computer Engineering   Pokhara, Kaski, Nepal

- **Percentage: 76%** tillnow
- **Relevant Coursework** : Artificial Intelligence, Data Structures and Algorithms, Object Oriented programming, Applied Mathematics, Probability and Statistics, Software Engineering, Computer Graphics, C Programming
- **Honors/Awards** : Received a government scholarship for 4-year program.

CERTIFICATIONS

• Machine Learning Fellowship   November, 2025
Gritfeat Solution
- EDA, feature engineering, ML, and Deep learning
- Built a RAG-based medical chatbot as the capstone project

• Machine Learning in Python   November, 2024
365DataScience
- Supervised & Unsupervised Learning
- Model Evaluation and Feature Engineering

• Python Course for Beginners with Certification: Mastering the Essentials   September, 2024
Scaler
- Python syntax, data structures, functions
- Object-oriented programming, and basic automation.

PROJECTS

• MediBotAI   October 2025 - November 2025
Tools: Python, Flask, LangChain, Groq, Pinecone, HTML/CSS   [ⓞ]
- Built a medical chatbot using Generative AI and curated medical knowledge.
- Applied RAG with LangChain, Pinecone, and GROQ for accurate responses.
- Designed a clean interface for medications, diets, precautions, and workouts.
- Implemented robust symptom handling for precise recommendations.

• MediCare Advisor   August 2025 - September 2025
Tools: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn (SVC), Flask, HTML/CSS   [ⓞ]
- Built a Flask-based web app that predicts diseases from user-input symptoms using an SVC model.
- Implemented fuzzy matching for robust symptom handling and accurate recommendations.
- Designed a modern, user-friendly interface to display medications, precautions, diets, and workouts.
- Applied EDA and visualization techniques to analyze symptom–disease patterns.

• Movie Recommender System   June 2025 - July 2025
Tools: Python, Pandas, NumPy, Scikit-learn, Streamlit, TMDB Dataset   [ⓞ]
- Developed a content-based recommendation system using cosine similarity to suggest top 5 movies.
- Performed feature engineering and exploratory data analysis (EDA) on the TMDB dataset.
- Implemented text vectorization techniques to enhance recommendation accuracy.
- Built an interactive Streamlit interface for real-time movie recommendations.

• **Cancer Prediction Model**   January 2024 - February 2024

Tools: Scikit-learn, Matplotlib, Seaborn, Pandas

- Collected and preprocessed medical data for analysis.

- Implemented logistic regression to classify cancerous and non-cancerous cases.

- Visualized key features affecting predictions using data visualization techniques.

• **Customer Churn Analysis**   October 2024 - November 2024

Tools: Python, Pandas, Numpy, Seaborn, Matplotlib

- Performed exploratory data analysis (EDA) to identify key churn indicators.

- Utilized statistical techniques and visualization tools (e.g., Pandas, Matplotlib, Seaborn) to analyze trends.

- Identified key churn indicators and provided actionable insights for improving customer retention.

SKILLS AND INTERESTS

- **Technical:** Deep Learning, Machine Learning Algorithms, Mathematics, Python, Flask, C++, C

- **Languages:** Nepali (fluent), English (conversational)