

Aashutosh Poudel (2004)

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OBJECTIVE:

Driven computer science student with a strong academic foundation in artificial intelligence and machine learning, along with substantial familiarity with Python programming and model development. I am eager to apply my technical expertise and analytical thinking to solve real-world problems in a dynamic and innovative environment.

EDUCATION:

S.N.	Degree	Graduation Year	Institution	GPA
1	Bachelors in Software Engineering	2026 (Expected)	Pokhara University Central Campus	3.20
2	High School Graduate	2020-2022	SOS Hermann Gmeiner School Pokhara	3.49
3	Secondary Education Examination (S.E.E.)	2020	New Model Secondary School, Pokhara	4.00

ACADEMIC PROJECTS:

Appointment Management System

- Access to view and categorize appointments
- Capability to update appointment details (e.g., amount, date)
- Ability to mark appointments as reviewed or add notes
- Intuitive interface for easy appointment management
- Assurance of data security and privacy regarding financial information

30-Day Machine Learning Practice + Recommendation System

- Completed a 30-day hands-on machine learning challenge focused on supervised, unsupervised learning, and model evaluation
- Built a content-based and collaborative filtering recommendation system

- Applied popular ML libraries such as Scikit-learn, Pandas, and NumPy for data preprocessing and model building
- Gained practical experience with model training, hyperparameter tuning, and evaluation metrics
- Explored deep learning approaches using TensorFlow and Keras for building neural network-based models
- Emphasized deployment readiness and real-world applicability of the recommendation engine

AI-Powered Event Recommendation Mobile App (RAG Model)

- Designed and implemented a Retrieval-Augmented Generation (RAG) model for personalized event recommendations
- Integrated semantic search and embeddings to retrieve relevant event data from a structured database
- Developed a mobile application interface (Flutter) with real-time user interaction and chatbot-like query handling
- Focused on enhancing recommendation accuracy, personalization, and real-world usability.

RELATED COURSES:

- Data Structure and Algorithm
- Data Science
- Web Development

SKILLS:

Programming Languages: C/C++, JAVASCRIPT, JAVA, PYTHON

Software:MySQL, MongoDB, Bash, Scikit-learn

LINKS:

<https://www.linkedin.com/in/aashutosh-poudel-08001625a/>
<https://github.com/aspo29>