Aashish Shrestha

Chakupat,Lalitpur | saashish1746@gmail.com | 9869840818

Education

Pulchowk Campus, BS in Computer Engineering   April 2021 – June 2025
- Aggregate: 73.90 percentage
- **Coursework:** Computer Architecture, DSA,Data Structure, Computational Theory

Experience

Flutter Development Intern, Cloco Nepal Inc.   July 2025 - Present
- Developed mobile applications using Flutter, focusing on UI design, state management (BLoC, Provider), and responsive layouts.
- Implemented repository pattern for structured data handling and network integration using Dio.
- Collaborated on building modular and maintainable code, and integrated real-time features such as notifications and data updates.

Projects

Restaurant Management System
- Developed a Restaurant Management System with menu and order management features, a basic dashboard, full CRUD operations, and authentication feature using Firebase.
- Applied Flutter core concepts including state management (BLoC, Provider), local data storage using Shared Preferences, and responsive UI design.

Habit Tracker App
- Developed a Habit Tracker App with swipe-to-mark-as-completed or delete habits, notifications for reminders, dark/light mode support, and authentication feature using Shared Preferences.
- Applied Flutter core concepts including state management (BLoC, Provider) and responsive UI design.

Note App
- Developed a Note App with basic CRUD operations, login functionality, and the ability to pin important notes.
- Applied Flutter core concepts including state management (Provider), Shared Preferences for local data storage, and responsive UI design.

Achievements

4th Runner-Up | Global IME Bank AI/ML Hackathon 2025
Developed a solution for Suspicious Transaction Detection in Nepalese banking institutions using a multi-model approach, including Isolation Forest, XGBoost, HMM, GNN, and Random Forest. Achieved high accuracy and recall with near real-time detection, and delivered an impactful technical presentation on behalf of the team.

2nd Place | Advent of Multimodal AI Hackathon (Global Virtual Event)
Created multiple AI-powered solutions during the 3-day hackathon, including a Custom Manga Generator, Platform-specific Social Media Post Generator, and Custom Greeting Cards Generator using multimodal AI technologies.

Technologies

Languages: C++, C, Dart, Javascript, Python, SQL

Technologies: Flutter, Dart SDK, Android Studio, Firebase, Shared Preferences, BLoC, Provider, Git, REST APIs, Cloud Computing (AWS, Azure)