

Abhishek Man Basnet

SOFTWARE ENGINEER

CONTACT

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EDUCATION

NCIT (Nepal College of Info. Tech.)

Expected Graduation May 2026
Bachelor's in Software Engineering 8th Semester,

Morning Shift
Balkumari, Lalitpur

CERTIFICATIONS

AWS Certified Cloud Practitioner

(CLF-C02)

SUMMARY

Motivated 8th-semester Software Engineering student with a strong foundation in mobile application development using **Flutter** and backend systems with **Django**. Certified AWS Cloud Practitioner with practical experience building full-stack applications. Passionate about solving complex problems through code and eager to contribute to dynamic development teams.

INTERNSHIP (3 MONTHS)

NCCS Student App

Flutter (Riverpod) & PHP | Solo Project 2026

- Designed and developed a mobile application for student management.
- Implemented complex state management using Riverpod and integrated PostgreSQL database.

Weather App with Map Selection
Flutter, OpenWeather & Django | Solo Project 2025

- Built a real-time weather tracking application with interactive map selection.
- Integrated external APIs (OpenWeather) and backend services for data persistence.

MY PROJECTS

Gym App with Recommendation Engine

Flutter (Provider) & Django | Group Project 2026

- Developed a fitness application featuring a custom recommendation engine and step counter.
- Utilized Provider for efficient state management across the application.

Todo App with Location Selection
Flutter & Django/Postgres | Solo Project 2025

- Created a task management system with location-based features.
- Handled full-stack development from UI design to database schema.

Automated Parking Management
YOLOv5 & Django | Group Project 2024

- Implemented object detection for automated vehicle entry/exit using YOLOv5.
- Integrated Python backend for real-time data processing.

NixMon (Unix/Linux System Monitor)
C++, Linux Sockets, ncurses & CMake | Academic Project 2026

- Built a real-time system monitor server that streams kernel metrics (CPU/RAM) from `/proc` over TCP.
- Developed a TUI client using ncurses to visualize live system health and load averages.
- Implemented a custom JSON-based protocol and handling I/O multiplexing using `poll()`.

Shopping Items Listing
Java & Spring Boot | Solo Project 2024

- Developed a RESTful API for managing shopping inventory items.
- Gained hands-on experience with Java enterprise frameworks.

SKILLS & INTERESTS

Languages & Frameworks: Flutter, Dart, Django, Python, Java, Spring Boot, SQL

Tools & Cloud: Git, PostgreSQL, AWS (Cloud Practitioner)

Key Interests: Front-end (Mobile), Back-end Development, DevOps

Soft Skills: Problem-solving, Adaptability, Rapid Learning