PRATHAM BHANDARI

UNDERGRADUATE

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PROFESSIONAL SUMMARY

I am a dedicated Computer Engineering student with strong programming skills in Python, C, C++, and Dart, along with beginner-level proficiency in Java. Through hands-on projects, I have gained practical experience in web development, back-end programming, and problem-solving, strengthening both my technical expertise and analytical abilities.

KEY SKILLS

Communication | Problem Solving | Collaboration & teamwork | Critical thinking | Time management | Project management |

TECHNICAL SKILLS

Python | C/C++ | AI/ML | Dart | REST API | NoSQL (MongoDB, Firebase) | SQL (MySQL) | Git | Big Data

PROJECTS

Mero Swastha | Developer   JUL 2024 – AUG 2025

A healthcare-focused mobile and web application designed to promote personal health tracking and awareness.

- Built the application using Flutter (Dart) for cross-platform compatibility, ensuring seamless performance on both Android and iOS.
- Developed machine learning models in Python to recommend personalized health and exercise plans, improving user engagement.
- Designed and integrated with NoSQL database (firebase), enabling secure and efficient storage of user health data.
- Added eSewa payment gateway integration for secure subscription payments, supporting local fintech adoption.
- Implemented trainer chat functionality for real-time guidance, boosting user interactivity and app value.

Sports Cart | Developer   AUG 2023 – JUL 2024

E-commerce web application for sports equipment with authentication, session management, and email verification.

- Built the backend using Python Django, leveraging its MVC architecture for scalability and maintainability.
- Developed cookie-based session management to maintain user login state reliably.
- Implemented SQLite database for managing product catalogs, user accounts, and cart details.
- Developed REST APIs for handling user authentication, product management, and order workflows.
- Integrated Khalti payment gateway for secure online transactions, enabling real-time order processing.

EDUCATION & CERTIFICATIONS

BACHELOR'S DEGREE | Bachelor's in Computer Engineering | Nepal Engineering College   2020 – 2025
HIGH SCHOOL | United Academy   2018 – 2020
CERTIFICATION | Machine learning with Python   2024
LANGUAGES| English | Nepali
INTERESTS| Machine Learning models | Data Scientist | Linux