




Murari Pandey

 10murari

 muraripandey

 muraripandey1561@gmail.com

 +977 9840884445

 Kathmandu, Nepal

Summary

Computer Engineering student focused on backend development and AI-based systems. Experienced in building REST APIs, designing database-driven applications, and integrating computer vision models into real-world workflows. Strong interest in scalable system design, data flow, and production-oriented engineering.

Technical Skills

Programming:	Python, JavaScript, SQL, HTML5, CSS3
Backend Development:	Django, Django REST Framework, Flask
Frontend:	React.js, Next.js, Bootstrap 5
Databases:	PostgreSQL, SQLite, Database Design, Django ORM
AI / Computer Vision:	InsightFace, ArcFace, RetinaFace, OpenCV, MediaPipe
Tools:	Git, GitHub, Postman, VS Code, GitHub Copilot

Projects

AI-Attend: Face Recognition Attendance System 2026

Django, PostgreSQL, InsightFace, ArcFace, RetinaFace, Python, REST API

- Developed a full-stack AI attendance system integrating real-time face detection and recognition within a Django web platform.
- Implemented browser-to-backend recognition pipeline where webcam frames are encoded in Base64 and sent to Django REST API for detection and identity matching.
- Implemented modular backend architecture separating detection, recognition, and database layers for maintainability.
- Developed attendance logging system with PostgreSQL ensuring efficient storage and retrieval of records.

School Management System 2024

Django, Python, SQLite

- Developed a web-based academic management system supporting student records, attendance tracking, and performance analytics.
- Implemented role-specific dashboards for administrators, teachers, and students.
- Automated reporting features reducing manual record keeping.

Expense Tracker Web Application 2024

Python, Streamlit, Pandas

- Built an interactive personal finance tracking application with real-time income and expense monitoring.
- Implemented visual analytics dashboards using Plotly and used Pandas for efficient financial data analysis.

Experience

Events Coordinator — HULT Prize On-Campus, Khwopa Engineering College 2024

- Organized the teams participating in the HULT Prize at Khwopa Engineering College.
- Led teams, delegating tasks and ensuring clear communication.

AWS Fundamentals Workshop — KhEC & AWS Cloud Club at TU 2025

- Gained hands-on experience with core AWS services: launched EC2 instances, managed cloud storage with S3, and configured access controls using IAM.

Education

Bachelor of Computer Engineering

2022 – 2026

Khwopa Engineering College, Kathmandu

GPA: 3.7 / 4.0

+2 Science

2019 – 2021

Xavier International School, Kathmandu

GPA: 3.59 / 4.0

Additional Information

Languages: Nepali (Native), English, Hindi

Interests: Programming, System Design, AI/ML, Stock Market