

Ayush Sharma

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SUMMARY

A Computer Engineering graduate passionate about solving real-world problems using full-stack web development and AI/ML. Hands-on experience in building and deploying end-to-end solutions with Django, React, Flask, and Python-based AI models. Skilled in designing clean user interfaces, optimizing backend performance, and deploying ML models in production. Eager to join a tech-driven team where I can contribute and keep growing.

EXPERIENCE

Software Developer Intern

Afame Technology

Jan 2024 – Mar 2024

- Built full-stack features using Django and React for core product modules.
- Optimized REST APIs for better performance and lower latency.
- Contributed to Agile sprints and team code reviews.

Freelance Full Stack & AI Developer (Remote)

2022 – Present

- Developed and deployed AI-powered web apps using React, Flask, and Django.
- Built automation tools and integrated ML models (face detection, recommendation engines).
- Delivered working prototypes and solutions for small clients and startups.

PROJECT

AI-Based Online Exam Proctoring Tool

- Built with YOLOv8 + OpenCV + Flask + React.
- Detects phones, suspicious movements, and sends real-time alerts.
- Focused on both AI accuracy and user interface experience.

Movie Recommendation System

- Created KNN-based recommender with RESTful Node.js API backend.
- Served predictions via web interface to demonstrate live ML integration.

Face Anti-Spoofing Security Module

- Prevents cheating by detecting fake faces (images/videos).
- Plugged into the proctoring tool to add an extra security layer.

End-to-End AI App Deployment

- Packaged apps using Docker, Gunicorn, and Nginx for production.
- Demonstrated real deployment skills with performance tuning.

EDUCATION

Bachelor of Engineering in Computer Engineering

Pokhara University – GCES • Expected Graduation: 2025

SKILLS

Python, JavaScript (ES6+), SQL

Django, Flask, React, Redux, Node.js

PyTorch, scikit-learn, YOLOv8, OpenCV, KNN

Docker, Nginx, Gunicorn, CI/CD, Git

PostgreSQL, MongoDB, MySQL, SQLite

Postman, GitHub, Linux, Agile, Unit Testing, Clean Code