

ANURODH UPADHYAYA

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SUMMARY

BSc CSIT student and aspiring backend developer eager to learn and grow through hands-on projects. Continuously building skills in Python, database design, and scalable backend development. Seeking a Backend Developer opportunity to learn from experienced engineers, contribute meaningfully, and grow in a professional engineering environment.

EDUCATION

Tribhuvan University

BSc. Computer Science and Information Technology (CSIT)

Expected Graduation: 2026

Pinnacle Academy

+2 (Higher Secondary Education)

2079 B.S.

PROJECTS

NeoFlicks | Django, DRF, MySQL, Redis

neoflicks.onrender.com

- Built and deployed a full-stack movie-discovery platform on Render
- Developed REST APIs for authentication, movies, reviews, ratings, watchlists and personalized recommendations using Django REST Framework
- Built a server-rendered frontend with Django Templates, Forms, Bootstrap, JavaScript
- Designed a dual recommendation engine combining content-based filtering (cosine similarity) and KNN collaborative filtering to address the cold-start problem
- Containerized the application with Docker

API Monitoring & Incident Platform | Django, DRF, Celery, Redis

github.com/anurodh007/api-monitoring-platform

- Built a Django REST API for automated HTTP endpoint monitoring, using Celery workers to run periodic health checks
- Designed consecutive-failure incident detection with dynamic severity escalation (LOW to CRITICAL) and automatic resolution, triggering asynchronous email alerts via Celery
- Secured the API with Firebase Bearer token authentication, per-user data isolation, SSRF-protected URL validation, and three-tier request throttling

TECHNICAL SKILLS

Languages: Python, JavaScript (basics), HTML, CSS

Backend Frameworks: Django, Django REST Framework (DRF)

Databases & Caching: MySQL, PostgreSQL, Redis

Tools & Concepts: Git/GitHub, Docker, Celery, JWT Authentication, REST API Design

Core CS Fundamentals: Object-Oriented Programming, Relational Database Design

ADDITIONAL INFORMATION

- Actively seeking Backend Developer opportunities; available to start immediately