# RACHIT POUDEL

## Backend Developer | Django & REST APIs

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## PROFESSIONAL SUMMARY

Passionate and solution-driven backend developer with a strong foundation in Django, REST API development, and database design. Over 2+ years of hands-on Self-learning experience building scalable web applications with secure authentication, real-time features, and robust backend logic. Adept in Agile environments, automation, and currently exploring DevOps and cloud-native tools. Ready to take on mid-level responsibilities and contribute to building efficient, production-ready backend systems.

## SKILLS

Python    JavaScript    PHP    PostgreSQL    Git    Problem-solving    Communication    Collaboration

Adaptability    Postman    Linux    GitHub Actions    Eclipse    Computer Vision    SQL

## PROJECTS & EXPERIENCE

### Real-Time Video Chat Web Application

- Django, Django Channels, JavaScript, WebRTC, HTML/CSS
- Built a full-featured video chat app with real-time communication using WebSockets and Django Channels.
  - Implemented secure authentication and session-based access.

### Real-Time Chat Application

- Django, Django Channels, HTML/CSS, JavaScript

### Employee Management System

- Django, DRF
  - Developed secure RESTful APIs using Django REST Framework with token-based authentication.
  - Included CRUD features for managing employees and departments.

### Course Management System

- Java, Java Swing, MySQL
  - Desktop application with user roles (admin, teacher, student), attendance tracking, and course assignment.

### Weather Forecast App

- JavaScript, PHP, MySQL
  - Real-time weather tracking app using OpenWeatherMap API.

### Inventory Management system(Kadayana)

- web Application made from dajngo.
- User are (superadmin, Admin,  Warehouse Manager,staff, Vendor)

## EDUCATION

### BSc (Hons) in Computer Science

**University of Wolverhampton**

📅 01/2023 - 01/2025    📍 Kathmandu, Nepal

### +2 Science

**Narayani Public College**

📅 2019 - 2021    📍 Bharatpur, Nepal

### SEE

**Narayani Public Secondary School**

📅 2019    📍 Bharatpur, Nepal

## ACHIEVEMENTS & HIGHLIGHTS

**Built multiple  applications with real-world use cases**

Proficient in using Django Channels for real-time features.
Participated in Agile teams with daily standups and sprint cycles.