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

Full Stack Developer
Mavorion Systems

📅 06/2025 - Present   📍 Lazimpat. Kathmandu

- Contributed to the development of a canteen management module for Trivuvan University Teaching Hospital (TUTH), enabling multirole access and shift-based operations.
- Implemented real-time dashboards and reporting tools for staff and management to monitor canteen activities efficiently.
- Played a key role in building and testing a scalable SaaS event registration platform for SANOG.
- Developed automated attendee tracking and reporting features, streamlining event management processes.

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 Django
- User are (superadmin, Admin, Warehouse Manager,staff, Vendor)

EDUCATION

B.Sc. (Hons) in Computer Science
University of Wolverhampton

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