

RACHIT POUDEL

Backend Developer | Django & REST APIs

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GitHub: github.com/rachitpoudel101

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 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.

Technical Skills

Languages: Python, JavaScript, PHP, Java, Bash

Frameworks: Django, Django REST Framework, Java Swing

Databases: MySQL, PostgreSQL

Dev Tools: Git, Postman, Linux, GitHub Actions, Eclipse

Concepts: REST APIs, JWT Authentication, Agile (Scrum/Kanban), CI/CD pipelines, WebSocket, MVC

Soft Skills: Problem-solving, Communication, Collaboration, Adaptability

Education

BSc (Hons) in Computer Science

Herald College Kathmandu — 2022 – 2025 (Ongoing)

+2 Science

Narayani Public College — 2019 – 2021 | CGPA: 2.98

SEE

Narayani Public Secondary School — 2019 | CGPA: 2.90

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

- Integrated WebSocket-based real-time messaging with user login and chat rooms.

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.

GitHub: github.com/rachitpoudel101/Course-Management-System

Weather Forecast App

JavaScript, PHP, MySQL

- Real-time weather tracking app using OpenWeatherMap API.

GitHub: github.com/rachitpoudel101/WeatherForecast

Achievements & Highlights

- Successfully built multiple full-stack 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.
- Currently exploring Docker, GitHub Actions, and cloud platforms to enhance deployment practices.
- Strong interest in DevOps, CI/CD automation, and scalable system design.

Looking Forward To

Eager to join a growth-focused tech team where I can contribute to backend architecture, enhance deployment workflows, and deliver efficient APIs for production-grade applications.