

RACHIT POUDEL

Backend Developer / Data Analytics

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GitHub: github.com/rachitpoudel101

Career Objective

Enthusiastic and detail-oriented Computer Science undergraduate with a strong foundation in backend development, web technologies, and database management. Seeking a DevOps Intern role to apply my coding skills and understanding of system infrastructure in real-world deployments. Passionate about automation, CI/CD pipelines, cloud technologies, and scalable web services.

Technical Skills

- Languages: Python, PHP, Java, JavaScript, Bash
- Frameworks: Django, Django Rest Framework, Java Swing
- Databases: MySQL, PostgreSQL
- Tools & Technologies: Git, Linux, Postman, Eclipse
- Concepts: REST APIs, Authentication, Agile (Scrum, Kanban), CI/CD basics, API Integration
- Soft Skills: Problem-solving, team collaboration, adaptability, communication

Education

BSc in Computer Science

Herald College Kathmandu — 2022–2025 (Ongoing)

+2 (Science)

Narayani Public College — 2019–2021 (CGPA: 2.98)

Secondary Education Examination (SEE)

Narayani Public Secondary School — 2019 (CGPA: 2.90)

Project Experience

Real-Time Video Chat Web Application

- Tech: Django, JavaScript, HTML/CSS, Django REST
Implemented secure user auth and live video streaming using WebRTC with Django Channels.

Real-Time Chat Application

- Tech: Django, JavaScript, HTML/CSS
Developed using Django Channels with secure user login and seamless communication between users.

Course Management System

- Tech: Java, Java Swing, MySQL
Role-based system with CRUD operations for student, teacher, and admin modules.
GitHub: github.com/rachitpoudel101/Course-Management-System

Weather Forecast Application

- Tech: JavaScript, PHP, MySQL
Integrated OpenWeatherMap API for real-time data.
GitHub: github.com/rachitpoudel101/WeatherForecast

Employee Management System

- Tech: Django, Django REST Framework
Built a token-based authentication system and integrated secure RESTful APIs.

Highlights & Achievements

- Built multiple full-stack applications from scratch with focus on performance and scalability.
- Experienced working in Agile environments with daily stand-ups and sprint planning.
- Passionate about automation, DevOps culture, and cloud-native tools.
- Quick learner and adaptive to new technologies like Docker, GitHub Actions, and cloud platforms (currently exploring).

Looking to Expand In

- CI/CD Pipelines (GitHub Actions, Jenkins)
- Docker & Containerization
- Cloud Platforms (AWS, GCP, or Azure)
- Monitoring Tools (Prometheus, Grafana)
- Infrastructure as Code (Terraform, Ansible – exploring)