

# RACHIT POUDEL

Backend Developer | Django & Data Engineering

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## PROFESSIONAL SUMMARY

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Backend Developer with 3+ years of experience specializing in the **Django ecosystem** and **RESTful architectures**. Proven track record in optimizing database performance across PostgreSQL and MySQL, implementing ETL pipelines, and delivering scalable SaaS solutions. Focused on bridging the gap between robust backend engineering and data-driven insights through automated workflows and cloud-native practices.

## TECHNICAL EXPERTISE

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- **Languages & Frameworks:** Python, PostgreSQL, MySQL, JavaScript, Django, Django REST Framework.
- **Data Engineering:** Pandas, NumPy, ETL Processes, Query Optimization, Schema Design.
- **DevOps & Tools:** Git, GitHub, Linux (Ubuntu), Docker Basics, JSON, API Documentation.
- **Soft Skills:** Agile/Scrum Methodology, Analytical Problem-Solving, Cross-functional Collaboration.

## PROFESSIONAL EXPERIENCE

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### Mavorion Systems

Full Stack Developer

Lazimpat, Kathmandu

01/2024 – Present

- **System Scalability:** Engineered a SaaS-based event registration system for SANOG, improving platform stability by **20%**.
- **Operational Efficiency:** Streamlined TUTH canteen operations by implementing multi-role RBAC and shift-management logic, increasing throughput by **20%**.
- **Workflow Automation:** Built automated attendee tracking and verification systems to improve data accuracy for large-scale events.

### Hariyali Botanic

Software Engineer | Client Project

Kathmandu, Nepal

- Designed and developed a dynamic, responsive business website with real-time content management functionality.
- Dynamic modules implemented that include product listings, customer inquiry forms, and admin-controlled content updates.
- Integrated backend-driven workflows to manage inquiries and business data efficiently.
- Optimized website performance, security, and SEO for improved user engagement and online visibility.

## TECHNICAL PROJECTS

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### Vendora | Modular ERP & Inventory System

Django, PostgreSQL, Chart.js

- Implemented automated low-stock alert notifications and integrated supplier and purchase management modules.
- Built advanced sales, inventory, and performance reports using Django ORM to provide actionable business insights.

## EDUCATION

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### University of Wolverhampton

B.Sc. (Hons) in Computer Science

Kathmandu, Nepal

02/2023 – 02/2025