RACHIT POUDEL

Backend Developer | Django & REST APIs

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PROFESSIONAL SUMMARY

Passionate and solution-oriented Backend and Data Enthusiast with over 2 years of hands-on experience in building scalable, data-driven web applications using Django, REST API development, and relational database design. Skilled in SQL for data modeling, query optimization, and ETL processes across SQLite, MySQL, and PostgreSQL, with experience handling large datasets, designing efficient schemas, and implementing complex joins, stored procedures, and triggers for maintaining data integrity. Adept in Agile environments and automation, currently exploring data engineering pipelines, analytics integration, and cloud-based data workflows to bridge backend development with data science for building efficient, production-ready systems.

SKILLS

Programming Skills

Python, SQL, JavaScript, Django, Django REST Framework, Pandas, NumPy, PostgreSQL, MySQL, SQLite, RESTful API Design, Authentication & Authorization, ORM

Soft-skills

Problem-Solving, Analytical Thinking, Team Collaboration, Communication, Agile & Scrum, Time Management, Continuous Learning, Adaptability, Attention to Detail

Other

Git, GitHub, Linux, Ubuntu, JSON

PROJECTS & EXPERIENCE

Full Stack Developer

Mavorion Systems

📅 01/2024 - Present   📍 Lazimpat. Kathmandu

- Enhanced platform reliability by 20% through the development of a scalable SaaS-based event registration system for SANOG.
- Played a key role in enhancing participant management and system reliability for SANOG via a scalable SaaS-based platform.
- Increased operational efficiency by 20% at TUTH by implementing multirole access and shift-based operations in the canteen module.
- Contributed to the development and streamlining of a canteen management module with multirole access and shift-based operations for TUTH.
- Implemented real-time dashboards and automated reporting tools, boosting operational efficiency and transparency in canteen activities.
- Developed automated attendee tracking and report generation features, reducing manual workload and improving event analytics accuracy.

Inventory Management system(Vendora)

- Web Application made from Django.
- User are (superadmin, Admin, Warehouse Manager,staff, Vendor and Suppliers).
- Built a modular ERP system for stationary business operations using Django.
- Designed and implemented inventory tracking, billing, user authentication, supplier management, and notification modules.
- Developed dashboard analytics for business insights using Django ORM and visualization libraries.

EDUCATION

B.Sc. (Hons) in Computer Science

University of Wolverhampton

📅 02/2023 - 02/2025   📍 Kathmandu, Nepal

TRAINING / COURSES

Python Library for Data Science	Data Science And Analytics	C#