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

Python   SQL   JavaScript   Django   Django REST Framework   Pandas   NumPy   PostgreSQL   MySQL

SQLite   ETL (Extract, Transform, Load)   Data Modeling   Query Optimization   Data Cleaning

Data Visualization (Matplotlib, Seaborn)   RESTful API Design   Authentication & Authorization   ORM

Problem-Solving   Analytical Thinking   Team Collaboration   Communication   Agile & Scrum   Time Management

Continuous Learning   Adaptability   Attention to Detail

Git, GitHub   Linux   Ubuntu   JSON   HTML   CSS

PROJECTS & EXPERIENCE

Full Stack Developer

Mavorion Systems

📅 03/2023 - Present   📍 Lazimpat. Kathmandu

- Played a key role in building and testing a scalable SaaS-based Event Registration Platform for SANOG, enhancing participant management and system reliability.
- Contributed to the development of a Canteen Management Module for Tribhuvan University Teaching Hospital (TUTH), featuring multi-role access control and shift-based operations to streamline daily workflows.
- Implemented real-time dashboards and automated reporting tools for staff and management, improving operational efficiency and transparency in canteen activities.
- Developed automated attendee tracking and report generation features, reducing manual workload and improving the accuracy of event analytics.

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.
- Automated data-driven notifications and reporting improving operational efficiency.{"section":4,"item":0}

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#**