DILIP KUMAR

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SUMMARY

Backend Developer with 1+ year of experience in designing and optimizing RESTful APIs using Python, Django, and DRF.
Skilled in PostgreSQL, MongoDB, Celery, AWS, and Docker, with a strong focus on automation, scalability, and clean backend architecture.

EXPERIENCE

Backend Developer
https://nowawave.com   **January 2025 – Present, Jodhpur, India**
· Improved backend performance by 30% through query optimization, caching, and modular API design using Python, Django, and DRF.
· Automated data workflows and ETL pipelines with Celery and Redis, achieving faster task execution and reduced manual effort.
· Deployed scalable backend systems on AWS and Linux, ensuring secure, reliable, and high-performance API operations.

Backend Development Intern
https://www.befog.in/   **July 2024 – December 2024, Lucknow, Uttar Pradesh, India**
· Built and optimized RESTful APIs using Python and Django REST Framework for live client projects
· Worked with PostgreSQL, JWT authentication, and AWS deployment to deliver secure and scalable backend solutions

PROJECT

Kreedo — School Management System(Ongoing Project)
NowAWave Technologies Pvt Ltd · kreedology.com/
· Developed and maintained 10+ backend modules including student management, timetable, attendance, subjects, grades, roles, and user hierarchy using Python, Django, and DRF, ensuring stable API performance.
· Improved workflow efficiency by 60% through automation and Excel-based bulk upload features, replacing manual data entry and adding scheduled Celery tasks & cron jobs for background operations like auto-cleanup and report generation.
· Leveraged Python, Django, DRF, PostgreSQL, Celery, Cron Jobs, AWS, and Pandas to build a highly scalable, automated, and optimized backend architecture, reducing server load and maintenance time.

EDUCATION

B.Com in Finance & Economics
Jai Narayan Vyas University · Jodhpur(Rajasthan) · 2021

CERTIFICATIONS

MongoDB Certification
MongoDB University · 2024

Django Certification
W3Schools · 2024

Python Core Certification
LearnVern · 2024

SKILLS

Languages & Frameworks: Python, Django, Django REST Framework, OOP, ETL
Databases: PostgreSQL, MySQL (joins, aggregations, indexing, optimization)
Cloud & Tools: AWS (EC2/S3/RDS), Docker, Git, Postman, Linux/Unix
Others: Celery, Redis, REST APIs, Cron Jobs, Pandas, System Design