Dilip Kumar

Backend Developer | Python & Django

Jodhpur, Rajasthan

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GitHub | LinkedIn | Portfolio

Professional Summary

Results-driven **Backend Developer** with expertise in **Python, Django, Node.js, Express.js, and MongoDB**, specializing in **scalable RESTful APIs**. Currently working at **NowAWave Technologies Pvt Ltd**, contributing to the **Kreedo** project—a **school management system** focused on **early childhood education**.

- Optimized API performance by **30%** with **query optimization & caching**.

- Reduced unauthorized access attempts by **20%** with **enhanced JWT authentication**.

- Implemented **task automation**, reducing manual work and improving system efficiency.

Technical Skills

- **Languages:** Python, JavaScript

- **Backend:** Django, Node.js, Express.js, RESTful APIs, Docker, DigitalOcean

- **Authentication:** JWT, OAuth

- **Databases:** MongoDB, PostgreSQL (Query Optimization, Aggregation)

- **API Handling:** Axios, CORS Policy

- **File Handling:** Cloudinary, AWS S3

- **Tools:** Git, Postman, Linux

- **Soft Skills:** Problem-Solving, Collaboration, Teamwork

Experience

Backend Developer

NowAWave Technologies Pvt Ltd | Jodhpur, Rajasthan | **Jan 2025 – Present**

- **Kreedo Project** – Developed and optimized backend for a **school management platform**, improving API response time by **25%.**

- **Rapid Assessment Website** – Designed and deployed a **web-based assessment system**, reducing **manual grading time by 40%**.

- **Automation Initiatives** – Implemented **background job processing**, reducing workload for administrators.

Backend Development Intern

Bugs and Glitches Company | **Nov 2024 – Jan 2025**

- Developed **secure RESTful APIs**, ensuring best practices in API design and implementation.

- **Optimized database queries**, reducing response time by **20%** for high-traffic endpoints.

- Implemented **JWT authentication** for enhanced application security, minimizing unauthorized access risks.

- **Collaborated with frontend & DevOps teams**, improving stability and overall system performance.

Projects

[Food Delivery Backend](#)

- Developed a **scalable backend** using **Node.js, Express.js, and MongoDB**.

- Implemented **JWT authentication, CRUD APIs, and role-based access control** for security.

- Reduced API latency by **15%** with optimized queries and indexing.

[Video Streaming Platform Backend](#)

- Developed **secure video upload and retrieval APIs** using **JWT authentication** and **Cloudinary**.

- Deployed using **Docker on DigitalOcean**, ensuring **high availability and scalability**.

Education

B.Com in Finance & Economics | Jai Narayan Vyas University, Jodhpur (**2019–2021**)

Certifications

MongoDB Certification ([Issued by MongoDB](#))
Django Certification – [**W3Schools**](#)
[**Python Core Certification**](#)