**Mukesh Singh**

***Senior Software Engineer***

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**Professional Summary**

Experienced Python/Django Developer with 3+ years of expertise in backend development, RESTful API design, and scalable web applications using Django, Fast API, and Django REST Framework. Skilled in MySQL, PostgreSQL, AWS, and implementing secure, high-performance systems. Adept at Agile methodologies, system design (LLD & HLD), and automation. Proven record of optimizing performance, streamlining operations, and contributing to team growth through mentoring and clean code practices.

**Skills**

**Languages:** Python, SQL

**Frameworks:** Django, Fast API, Flask, Django REST Framework

**Databases:** MySQL, PostgreSQL, SQLite

**Tools & Platforms:** GIT, GitHub, AWS, Heroku, BeautifulSoup, SQL Alchemy, Microsoft Power Apps,

**Web Technologies:** HTML, CSS, JavaScript, jQuery, AJAX, JSON

**Concepts:** RESTful APIs, OOP, DSA

**Practices:** Agile, Scrum, CI/CD, Unit Testing, Code Review

**Professional Experience**

**Python/Django Developer**

*Chetu India Pvt Ltd., Noida, Uttar Pradesh*

*(April 2022 – Present)*

* Developed 10+ Django-based web applications, improving performance by 25% through optimized code and database queries.
* Designed RESTful APIs with **Django REST Framework** and **JWT authentication**, reducing integration time by 30% for client projects.
* Deployed scalable applications on **AWS and Heroku**, achieving 99.9% uptime for critical systems.
* Built a clinic management system with pharmacy integration, cutting patient processing time by 20%.
* Mentored junior developers and conducted 50+ code reviews, enhancing team code quality.

**Python/Django Developer Trainee**

*Chetu India Pvt Ltd., Noida, Uttar Pradesh*

*(June 2021 – November 202)*

* Created RESTful APIs and web apps using Django and DRF, mastering authentication and database optimization.
* Improved SQL query efficiency by 15% during training projects, laying a strong technical foundation.

**Key Projects**

**1. Clinic Management System – Django, PostgreSQL, AWS**

* Developed an integrated platform for patient record management, pharmacy inventory, and appointment scheduling.
* Achieved 20% operational efficiency boost with real-time updates and user access control.

**2. Automated Legal Data Processing – Python, BeautifulSoup, SQLAlchemy**

* Built an automation tool to parse and extract structured data from text files, CSV, and JSON files for government legal websites.
* Preprocess the data for dividing into sections and subsections using **NumPY** and **Pandas** and store the data into database.
* Enhanced document processing accuracy by 40% and reduced manual labor by 70%.
* Implemented robust error handling and retry mechanisms.

**3. Horse Feed & Growth Management System – Django, MySQL**

* Developed functionality to compute horse growth metrics based on breed-specific meal types and nutrition quantities.
* Managed schedules, health logs, and nutrition plans.
* Reduced feeding schedule conflicts by 20% using automated reminders and data validations.

**Education**

**Bachelor of Computer Applications**

*Jiwaji University, Gwalior, Madhya Pradesh*

*(2014 – 2017)*