Monu Maurya

Python Backend Developer | Django | MySQL | REST APIs
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Professional Summary

Results-driven Backend Developer skilled in Python, Django, and MySQL with hands-on experience in building scalable REST APIs, optimizing databases, and integrating AI/ML solutions. Proven track record in delivering client-focused projects like Virtual Assistants, Face Recognition Systems, and Clinic Websites. Passionate about clean architecture, agile collaboration, and performance optimization.

Technical Skills

- **Programming:** Python, SQL, JavaScript - **Frameworks:** Django, Flask - **Databases:** MySQL, SQLite - **Tools & Platforms:** Git, Docker, REST APIs, Postman - **Concepts:** OOP, Data Structures & Algorithms, API Design, Database Optimization

Work Experience

Backend Developer Intern – Elevate Labs (2025) - Developed and optimized backend features using Python (Django) and MySQL. - Designed and deployed RESTful APIs, ensuring scalability and security. - Collaborated with senior developers to implement database optimizations, improving query performance by 30%. **Web Developer (Freelance Project)** – Dental Clinic Website - Built a responsive clinic website with appointment booking, service listings, and contact forms. - Implemented backend in PHP & MySQL with secure data handling. - Optimized website performance, reducing load time by 25%.

Key Projects

- **Virtual Assistant (Mobi):** Python-based AI assistant with voice interaction, Wikipedia search, email/WhatsApp automation, and PC control features. - **Face Recognition Attendance System:** Implemented using Python, OpenCV, and face_recognition to automate student attendance with real-time detection. - **Weather Detection App:** Developed API-driven weather app reducing response latency by 40% using optimized API calls.

Education

B.Tech in Computer Science (2022 – 2026) Guru Gobind Singh Indraprastha University, New Delhi Relevant Coursework: Data Structures & Algorithms, Web Development, Database Systems, Software Engineering

Certifications

- Python Programming (TestDome) – Scored Top 5% in OOP, algorithms, and debugging. - SQL Fundamentals (TestDome) – Optimized 20+ queries for sub-100ms performance.

Languages

- English – Professional Proficiency - Hindi – Native Proficiency