Monu Maurya

Python Backend Developer | AI/ML Enthusiast

Summary

Results-driven Python Backend Developer with hands-on experience in designing and building scalable web applications, RESTful APIs, and database-driven solutions. Proficient in Python, Django, and MySQL with expertise in AI/ML integration (face recognition, NLP). Skilled at optimizing backend systems to reduce latency and ensure reliability. Passionate about clean architecture, modular code, and agile collaboration.

Skills

Programming: Python, SQL, JavaScript, HTML, CSS
Frameworks: Django, Flask
Databases: MySQL, SQLite
Tools: Git, GitHub, VS Code
Concepts: RESTful APIs, OOP, Database Optimization, AI/ML Integration

Work Experience

Backend Development Intern – Elevate Labs (2025)
- Built and optimized Django-based RESTful APIs.
- Integrated MySQL queries to improve performance by 30%.
- Collaborated with the team on backend tasks including database design, API development, and bug fixing.

Full-Stack Developer (Freelance Project) – Dental Clinic Website (2025)
- Designed and developed a full-featured dental clinic website using Django, Python, MySQL, HTML, CSS, and JavaScript.
- Implemented appointment booking system, services showcase, team profiles, and contact forms.
- Optimized database queries and improved backend efficiency.

Projects

Face Recognition Attendance System
- Built using Python, OpenCV, and MySQL for real-time face detection and secure attendance logging.
- Reduced manual work by automating attendance tracking.

Virtual Assistant (Mobi)
- Developed a Python-based AI assistant with voice interaction, NLP, and task automation.
- Integrated web search, email/WhatsApp messaging, and system control.

Hangman Game
- Designed a web-based Hangman game with Python (Flask) and JavaScript.
- Added categories, hints, and animations for engaging gameplay.

Education

B.Tech in Computer Science & Engineering – GGSIPU, New Delhi (Expected 2026)
Relevant Coursework: Data Structures & Algorithms, Web Development, Database Systems, Software Engineering

Certifications & Achievements

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

Languages

English (Professional), Hindi (Native)