Monu Maurya

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Career Objective

Result-driven **Python Developer & Full-Stack Engineer** with expertise in web application development, backend engineering, and AI-powered projects. Skilled in building scalable systems, crafting efficient APIs, and delivering user-centric solutions. Seeking to contribute technical expertise in **Python, Django, Flask, MySQL, REST APIs, and modern web technologies** to dynamic software development teams.

Technical Skills

Programming & Backend:	Python, Django, Flask, REST APIs
Frontend:	HTML5, CSS3, JavaScript (ES6+), Bootstrap, Tailwind CSS
Databases:	MySQL, SQLite
Tools & Platforms:	Git, GitHub, Postman, VS Code, Virtual Environments, Eel
Core Competencies:	Software Development, API Integration, Authentication/Authorization, Data Structures & Algorithms, Pr

Professional Experience

Python Developer Intern – Elevate Labs | Jan 2025 – Present
• Designed and developed **scalable backend APIs** using Python and Django, reducing server response time by 35%.
• Built **automated scripts** for data handling, improving workflow efficiency.
• Collaborated with frontend developers to integrate **interactive web interfaces** with backend services.
• Implemented **secure authentication and role-based authorization**, enhancing system security.
• Participated in Agile sprints, debugging, and testing modules to ensure high-quality software delivery.
• Gained hands-on experience with SDLC, Git-based version control, and deployment best practices.

Projects

■ **Dental Clinic Website (Full-Stack)**
Tech: HTML, CSS, JavaScript, PHP, MySQL
• Built a **responsive clinic website** featuring services, team profiles, testimonials, and contact info.
• Implemented **hover-show navigation bar** and **dynamic appointment booking system** with database integration.

■ **Travel Buddy Website**
Tech: HTML, CSS, JavaScript, PHP, MySQL
• Developed a **travel planning platform** to search destinations and organize personalized trips.
• Enabled **user authentication** and custom travel recommendations using database queries.

■ **Mobi – AI Virtual Assistant**
Tech: Python, Flask, MySQL, SpeechRecognition, pyttsx3, BeautifulSoup4, Eel
• Built an **intelligent assistant** capable of voice interaction, Wikipedia queries, and PC automation.
• Integrated WhatsApp messaging, email sending, cricket score updates, and MySQL history logging.
• Designed **frontend integration via Eel** for real-time query and answer display.

■ **Face Recognition Attendance System**
Tech: Python, OpenCV, face_recognition, Eel, SQLite
• Created a **real-time face recognition attendance system** with webcam integration.
• Automated **attendance logging** into a database for accurate record-keeping.
• Designed a **GUI (HTML, CSS, JS)** for seamless interaction and face capture.

Education

B.Tech – Computer Science & Engineering
Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi | Expected 2026