**MONU MAURYA  
python devloper/backend devloper**

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**SUMMARY**

**Dedicated Python Developer and Backend Developer with hands-on experience in building scalable, interactive applications. Proficient in developing RESTful APIs and integrating databases like MySQL and SQLite, with a strong focus on backend logic and performance optimization. Actively seeking opportunities to contribute to dynamic backend teams and grow as a Python Developer.**

**PROJECTS**

**Mobi – AI Virtual Assistant** [Mobi Assistant](https://github.com/maurya223/mobi_assistant) *May 2025 - june2025*

* Developed a **voice-enabled assistant** to perform tasks such as answering queries, sending WhatsApp messages and emails, searching the web, and controlling the PC.
* Integrated **knowledge-based** and **planning agents** to enhance reasoning and response generation.
* Utilized **Eel** to create an **interactive GUI** that displays user queries and responses dynamically.

**Face Recognition Attendance System** [Face](https://github.com/maurya223/face) *june 2025- july2026*

* Developed a **secure and automated attendance system** utilizing **facial recognition** technology.
* Integrated a **live webcam feed** into a **GUI** for **real-time marking and feedback**.
* Managed **attendance data** storage and retrieval using a **MySQL database**.

**Weather Detection App** [Weather\_detection](https://github.com/maurya223/weather_detection) *May 2025- May 2025*

* Developed a **GUI-based weather application** that fetches and displays **live weather data** (temperature, humidity, etc.) for any city using the **OpenWeatherMap API**.

**Hangman Game**  [hangman](https://github.com/maurya223/hangman) *April 2025- April 2025*

* Developed an **interactive word guessing game** featuring categories, a level system, and animations such as confetti and stickman drawings.
* Improved **UI/UX** through the implementation of doodle-style elements and custom game logic.

**SKILLS**

**\ud83d\udd39 Programming Languages**: Python, SQL, JavaScript, HTML, CSS  
**\ud83d\udd39 Backend Development & Frameworks**: Flask, Eel, RESTful API Development, Django (basics)  
**\ud83d\udd39 Web Technologies**: HTML, CSS, JavaScript, DOM Manipulation  
**\ud83d\udd39 Tools & Libraries**: OpenCV, face\\*recognition, pyttsx3, pywhatkit, BeautifulSoup4, requests, speech\\*recognition, Tkinter, Pandas  
**\ud83d\udd39 Database Management & Querying**: MySQL Workbench, SQLite, SQL Joins, CRUD Operations  
**\ud83d\udd39 API Development & Integration**: REST APIs, OpenWeatherMap API, Web Scraping, Email & WhatsApp Automation  
**\ud83d\udd39 Additional Skills**: Debugging, Object-Oriented Programming (OOP) in Python, GUI Development

**EDUCATION**

**BTech**  
Bhagwan Parshuram Institue of Technology**, 6.523**

**ACHIEVEMENTS**

**Certifications: Python and SQL**  
Possesses strong foundational and practical knowledge in programming and database management.  
**Project Development:**  
Developed over four real-world Python projects, including an AI Virtual Assistant and a Face Recognition Attendance System, demonstrating expertise in automation, AI integration, and user interaction.  
**Advanced AI Applications:**  
Applied advanced AI concepts, such as knowledge-based agents, voice recognition, and facial detection, in self-initiated projects.  
**User Interface Development:**  
Built responsive and interactive GUIs utilizing Eel, Tkinter, and HTML/CSS/JavaScript, which enhanced user experience and system control.  
**Backend Logic and Database Management:**  
Designed and implemented robust backend logic with MySQL database integration for dynamic data handling across projects.  
**Software Development Practices:**  
Adhered to modular design principles and clean coding practices to ensure scalable and maintainable Python applications.  
**Problem-Solving:**  
Demonstrated the ability to solve real-world problems using Python, effectively blending innovation with functionality.

**CERTIFICATIONS**

**python** | testdome

**sql** | TestDome