

## GOURANG SHARMA

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🌐 [github.com/Gourangsharma](https://github.com/Gourangsharma)

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### Professional Summary

Python developer with a passion for automation, real-world problem solving, and intelligent assistants. Experienced in building voice-controlled applications, chatbots, and web automation tools using Python and external APIs. Strong foundation in clean coding, API integration, and user-focused development. Open to entry-level Python roles in backend, automation, or AI/ML teams.

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### Technical Skills

- **Languages:** Python, SQL (MySQL, PostgreSQL), HTML, CSS, Django
  - **Libraries/Frameworks:** Pandas, Numpy, Seaborn, Matplotlib.
  - **APIs & Tools:** OpenAI, subprocess.
  - **Other:** Git, VS Code, Excel, Power BI (basic knowledge), Data Cleaning and Analysis.
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### Python Projects

#### Voice Assistant – “Virat”

*GitHub Repo:* [github.com/Gourangsharma/voice-assistant-virat](https://github.com/Gourangsharma/voice-assistant-virat)

Built a voice-activated assistant using Python that responds to natural voice commands to open apps, browse the web, fetch weather, search Google, or run system commands.

- Wake word detection: “Hello Virat”, “Hey Virat”.
  - Opens websites: Google, YouTube, Gmail, GitHub, ChatGPT, etc.
  - System control: Shutdown, restart, lock, open apps.
  - Fetches Wikipedia summaries and real-time weather using OpenWeatherMap API.
  - Uses speech\_recognition, pyttsx3, wikipedia, requests, webbrowser, subprocess.
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#### WhatsApp ChatBot Automation

*GitHub Repo:* [github.com/Gourangsharma/whatsapp-chatbot-python](https://github.com/Gourangsharma/whatsapp-chatbot-python)

Created a Python bot that reads the latest WhatsApp Web message and replies automatically using OpenRouter AI model (like ChatGPT).

- Uses pyautogui to read and paste messages.
  - Interacts with OpenRouter API (DeepSeek model) to generate responses.
  - Responds only to messages from others (not self).
  - Custom role prompt to maintain personality & language control..
  - Clean and secure use of .env to hide API key.
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## Other Projects (Data-Focused)

### Pizza Hut Sales Analysis (SQL)

Analyzed sales data using MySQL to identify top-selling products, revenue trends, and customer insights.

Repo: [github.com/Gourangsharma/PizzaHut.sql](https://github.com/Gourangsharma/PizzaHut.sql)

### Netflix Content Analysis (SQL + Excel)

Processed and cleaned a dataset of 10,000+ Netflix titles. Extracted content trends using CTEs, joins, and aggregation.

Repo: [github.com/Gourangsharma/Netflix.sql](https://github.com/Gourangsharma/Netflix.sql)

### Market Analysis Dashboard (Power BI + SQL)

Created a multi-page Power BI dashboard to visualize customer, order, and product performance using DAX and KPIs.

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## Education

### B.Tech – Computer Science Engineering

College of Technology and Engineering, Udaipur  
Nov 2020 – Aug 2024 / OGPA: 7.59

### 12th Grade

Oxford Public School, Jaora (94%)

### 10th Grade –

St. Peter's School, Jaora (86.2%)

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## Certifications

- Google Data Analytics Professional Certificate – Coursera
- Infosys Data Structures and Algorithm