

Ritik Sharma

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GitHub: github.com/iRitikSharma

Profile

Results-driven Python Developer with hands-on experience developing REST APIs, automation scripts, and data-driven applications. Strong backend development skills using Django and Flask. Proven ability to work effectively in agile teams, solve problems efficiently, and deliver innovative solutions. Eager to contribute and grow in a collaborative environment.

Experience

Python Intern

Apr 2025 – Sep 2025

TruBoard Partners, Mumbai

- Automated internal workflows using Python scripts, reducing manual effort by 30%.
- Built REST APIs with Flask, improving API response time by 25%.
- Collaborated with data teams using **pandas** and **NumPy**, streamlining reporting.
- Participated in agile ceremonies including daily stand-ups and code reviews.

Personal Projects

Amazon Clone

HTML, CSS

github.com/iRitikSharma/Amazon-Clone-HTML-CSS

- Built fully responsive Amazon homepage clone with Flexbox/Grid and reusable components.
- Developed a fully responsive Amazon UI clone using pure HTML and CSS for hands on front-end practice.
- Created an Amazon home page clone with modern HTML/CSS layouts, flexbox/grid design, and reusable components.

Flappy Bird

Python, Pygame

github.com/iRitikSharma/Flappy-Bird

- Recreated classic Flappy Bird game with real-time mechanics and score tracking.
- Implemented obstacle generation, collision detection, and animation rendering.
- Optimized game loop for 60 FPS, improving performance by 25%.

J.A.R.V.I.S

Python

github.com/iRitikSharma/JarvisAI-Python

- Built a desktop AI assistant capable of voice-based commands, using GPT for NLP.
- Automated tasks including web scraping, file operations, and real-time interaction.
- Enhanced task execution accuracy by 15% through improved voice command handling.

Office Employee Management System

Python, Django

github.com/iRitikSharma/Office-Employee-Management-System

- Developed web-based CRUD system for HR with authentication, roles, and permissions.
- Improved CRUD efficiency by 20% via optimized database queries.
- Added user roles and permissions for secure data handling.
- Improved CRUD efficiency by 20% through optimized database queries.

Skills

Programming Languages: Python, Java, C, C++

Frameworks: Django, Django REST Framework, Spring Boot, Selenium

Libraries: NumPy, Pandas, Pygame, Matplotlib

Web Technologies: HTML, CSS

Databases: SQL, MongoDB, pgAdmin

Tools: VSCode, Jupyter Notebook, IntelliJ IDEA, PyCharm, Postman, Git, Celery, Docker

Data & BI Tools: Microsoft Excel, Power BI

Soft Skills: Time Management, Adaptability, Problem Solving

Certifications

- Complete Python Bootcamp 2024: Zero to Expert in Python – Udemy
- Learn SQL – Codecademy

Languages

English (Fluent), Hindi (Fluent)

Education

K. R. Mangalam University

2020 – 2024

Bachelor of Technology in Computer Science

S. M. Arya Public School

2017 – 2019

Grade 10th & 12th