

Ritik Sharma

Phone: +91 9999863367

rsritiksharma10@gmail.com

LinkedIn

GitHub

Profile

Python Developer and Data Analyst with experience in building REST APIs and data-driven applications using Django. Strong foundation in Python programming, backend development, and data analysis. Skilled at working with structured data, writing efficient code, and collaborating in agile team environments. Motivated to continuously learn, improve skills, and contribute to impactful projects.

Experience

Python Intern

TruBoard Partners, Mumbai

Apr 2025 – Sep 2025

- Automated workflows with Python, cutting manual effort by 30%.
- Built REST APIs in Flask, improving response time by 25%.
- Analyzed 10,000+ records using pandas and NumPy for accurate reporting.
- Optimized SQL scripts in pgAdmin, enhancing database query performance by 15%.
- 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 a fully responsive Amazon homepage clone using Flexbox/Grid for desktop screen resolutions.
- Developed 100% hand-coded HTML and CSS for pixel-perfect layout.
- Created reusable components with modern layouts, improving code maintainability by 20%.

Flappy Bird

Python, Pygame

github.com/iRitikSharma/Flappy-Bird

- Recreated classic Flappy Bird game with real-time mechanics and score tracking.
- Developed 3 core features: 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

- Developed desktop AI assistant with voice command capabilities.
- Automated 3+ task types: web scraping, file operations, and real-time interactions.
- Improved voice command accuracy by 15%, enhancing task execution reliability.

Office Employee Management System

Python, Django

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

- Developed secure web-based CRUD system with authentication, user roles, and permissions.
- Optimized database queries to improve CRUD efficiency by 20%.
- Ensured data security and access control through role-based permissions.

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 (Advanced), Power BI

Soft Skills: Time Management, Adaptability, Problem Solving

Education

K. R. Mangalam University

2020 – 2024

Bachelor of Technology in Computer Science

S. M. Arya Public School

2017 – 2019

Grade 10th & 12th

Certifications

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

Languages

English (Fluent), Hindi (Fluent)