

RITIKA CHOURASIA

Web Developer

10 Nandlalpura, Indore,M.P., 452001
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PROFESSIONAL SUMMARY:

MCA candidate (2023-2025) at SGSITS with expertise in full-stack development, specializing in Python, Django, and JavaScript. Completed training as a Software Engineer at VSH Solutions and earned certification as a Python Django Full Stack Developer.

SOCIAL MEDIA:

LinkedIn: [ritika-chourasia-217674211](#) | **GitHub:** [ritika210502](#) | **Leet Code:** [ritz21ch](#) | **Geeks for Geeks:** [ritz27ual](#) | **Hacker Rank:** [ritz21ch](#)

AREAS OF EXPERTISE:

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| ✓ Languages: - Python, JavaScript, Java, C/C++. | ✓ Database, Tools & Technologies: - Git & GitHub, MySQL & VS Code. |
| ✓ Frameworks/Libraries: - Django, NumPy, Pandas, Matplotlib, Bootstrap | ✓ Core Concept: - DBMS, Data Structures & Algorithms, OOPs Concept, HTML & CS. |

EDUCATION:

Master of Computer Application | AUGUST 2023 – JULY 2025

Shri GS Institute of Technology & Science (SGSITS), Indore: - 7.7 GPA

BACHELOR OF COMPUTER APPLICATION | SEPTEMBER 2020 – JUNE 2023

Shri Vaishnav Institute of Management (SVIM), Indore: - 78%

PROFESSIONAL EXPERIENCE:

VSH Solution | Trainee | JUNE 2023 – August 2023

- Enhanced application performance by leveraging JavaScript functional programming methods such as `map()`, `filter()`, and `reduce()`, achieving a 35% improvement in code efficiency.
- Optimized workflows through asynchronous handling and method chaining, significantly reducing processing time by 78% and improving responsiveness.

SKILL VERTEX | INTERN | January 2023 – Mar 2023

- Gaining industry-specific insights into practical project tasks, leading to a 30% improvement in process efficiency for the successful deployment of the 'Ambulance Booking' system within tight deadlines.

PROJECTS:

- Engineered a robust web application using Django, enabling dog owners to connect and promoting pet socialization, resulting in a 25% increase in community engagement among users.

- Implemented AI-driven matching algorithms considering breed, size, temperament, and energy level, achieving a 30% improvement in successful dog pairing outcomes.
- Enhanced user experience by integrating multimedia post sharing, interactive features (likes and comments), and curated content such as healthcare tips and training videos, leading to a 40% boost in user retention.

Ticket System | Django, MySQL

- Developed a scalable ticket management platform to streamline issue reporting, achieving a 35% improvement in team collaboration through real-time notifications for assigned users.
- Designed a comprehensive notification system, ensuring updates such as status changes (Open, In Progress, Resolved, Closed) are securely logged and instantly delivered to all stakeholders, enhancing accountability by 20%.
- Implemented an intuitive ticket lifecycle management feature, providing seamless status transition and tracking, resulting in a 30% reduction in resolution time.

Ambulance Booking System | Django, MySQL

- Built an emergency response platform enabling real-time ambulance bookings, reducing booking delays by 90% through an interactive and user-friendly interface.
- Integrated secure authentication and role-based access control, facilitating streamlined management of user, hospital, and vehicle data, with a 65% increase in system reliability.

CERTIFICATIONS:

- **Python & DSA Course, Geeks for Geeks**
- **Python and Django Full-Stack Web Development, Udemy**

ACHIEVEMENTS:

3rd Rank in Coding Competition | SGSITS Club (02/01/24)

Ranked 3rd in a competitive coding contest, demonstrating strong problem-solving skills.

Leet Code Badges

Earned Leet Code Top 50 SQL Query Badges and 50 Days badges, highlighting proficiency in SQL and consistent problem-solving dedication.

250+ DSA Problems Solved | Leet Code, GFG, Hacker Rank

Solved 250+ DSA problems across platforms, showcasing expertise in algorithms and data structures.

ACTIVITIES AND INTERESTS:

- **Creative Arts:** Skilled in painting and exploring various art forms to foster creativity and attention to detail.
- **Strategic Thinking:** Passionate about playing chess, enhancing problem-solving, and critical thinking skills.
- **Cultural Exploration:** Enjoy traveling to discover diverse cultures and gain new perspectives.