

## EXPERIENCE

### Programmer Analyst Trainee, Cognizant

Jul 2025 – Present

- Led a 5 member team developing a full stack web platform FinalDestination, a smart hotel management system.
- Automated 80% of manual hotel operations by digitizing room booking.
- Reduced booking and billing errors by 70% using role based access and input validation.

## SKILLS

- **Languages & Frameworks:** Python, C#, DotNet, Flask, SQL, HTML, CSS, JavaScript, Bootstrap, Git and Github, React

## PROJECTS

### Mealmate- Meal Recommendation System

[Link](#)

#### Personal Project

- Engineered a full-stack meal recommendation platform using Python, Flask, Bootstrap, PostgreSQL and Spoonacular API with user preference across 6 diet types and 4 meal categories.
- Designed a secure user login module with hashed password storage, and implemented a 7-day exclusion logic to avoid meal repetition, enhancing personalization and security.
- Built a dynamic dashboard with Plotly, featuring daily nutrient intake, a 7-day nutrient pie chart, and a 30-day line chart to visualize long-term dietary trends
- Managed and populated a structured database of 1,000+ meals across multiple tables using SQLAlchemy, enabling efficient tracking and retrieval operations.

### Data Entry Automation

[Link](#)

#### Personal Project

- Developed an automated web scraping and data entry tool using Python to extract property listings from a Zillow clone website and populate a Google Form.
- Utilized BeautifulSoup for web scraping to parse and extract data from HTML content, ensuring accurate data collection.
- Achieved 100% successful form submissions by implementing Selenium WebDriver to interact with Google Forms by dynamically inputting scraped data, and handling edge cases in real time.
- Automated processes led to 80% increase in data collection speed and reduction of manual workload by 95%, enhancing operational efficiency.
- Developed a scalable solution capable of processing 300+ property listings per hour, significantly improving workflow efficiency for real estate data management.

## CERTIFICATIONS

- Code in Place, by Stanford University
- 100 days of Python, by Udemy

## POSITIONS OF RESPONSIBILITY

- **Training and Placement Convener, SIRT Bhopal** Managed the operations for conducting successful campus recruitment drives.
- **Technosaga Event Management Coordinator, SIRT Bhopal** Led the planning and execution of a technical reel-making event, engaging over 50 participants.

## EDUCATION

### Bachelor of Engineering in Computer Science

Jun 2025

RGPV University, CGPA: 8.19/10

#### Class 12

Jul 2021

KV Sehore, Percentage: 89.8%

#### Class 10

Jul 2019

KV Sehore, Percentage: 94.8%