

# ISHAAN KASHYAP

B.Tech Third Year Student  
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T-221, Men's Hostel, VIT Vellore

## PROFESSIONAL EXPERIENCE

**Quality Assurance Intern**, Comviva 06/2024 – 07/2024  
— Gurugram

- Gained comprehensive experience in QA processes within the software development life cycle (SDLC), enhancing the overall product quality.
- Authored and executed over 40 detailed test cases for a practice template application, ensuring all functionalities met the specified requirements.
- Developed a strong understanding of defect identification, QA methodologies, and effective communication between QA teams and developers.
- Contributed to the improvement of the QA processes by documenting findings and collaborating with cross-functional teams.

**Data Analyst Intern**, NuvoRetail 07/2023 – 08/2023 — New Delhi

- Developed a custom web scraper using Selenium Python to collect data on selected Amazon products using ASINs.
- Enhanced the company's sentiment analysis capabilities by analyzing and categorizing 100+ customer reviews.
- Ensured data accuracy and reliability through rigorous cleaning and validation of over 200 records.

## EDUCATION

**B.Tech in Computer Science**, Vellore Institute of Technology 09/2022 – present — Vellore, India

**Higher Secondary - 12th Grade**, Army Public School, Dhaula Kuan 2020 – 2022 — New Delhi

**Secondary - 10th Grade**, Army Public School, Dhaula Kuan 2018 – 2020 — New Delhi

## POSITIONS OF RESPONSIBILITY

**Events' Head**, IoThinC - VITV 01/2024 – present — Vellore

- Planned and organized multiple events, managing all aspects from conception to execution, and ensuring post-event documentation for future reference.
- Enhanced teamwork and time management among club members, boosting social media engagement and increasing profile views by 240% and engagement by an impressive 7000% during the pre-graVITas'24 week.
- Successfully conducted a hackathon and a workshop, drawing in 140+ participants.

**AI-ML Team Member**, Team PROMETHEUS 07/2024 – present — Vellore

- Actively engaged in Deep Learning and Reinforcement Learning projects as part of the AI-ML team, preparing for International RoboCup.
- Developed working proficiency with Ubuntu and various machine learning frameworks, enhancing my technical skill set.
- Delivered an insightful presentation on "AI in Astronomy" to 100+ participants for Space Week 2024 at VIT-V

**Event Organizer**, Yantra SocioVate'24 (IXDA x IET) 03/2024 — Vellore

- Organized a highly successful designathon with 70+ participants.

**Volunteer**, IEEE Ic-ETITE'24 Conference - VITV 02/2024 — Vellore

- Ensured a seamless attendee experience for over 80 participants across a two-day research conference, fa-

cilitating networking and knowledge sharing.

## PROJECTS

1. **NaviNose** 10/2024

- **Aim:** Enable precise on-screen cursor control using nose tracking and implement gesture-based interactions like clicking and scrolling.

- **Design:** Tracks nose movement to move the cursor smoothly across the screen, with hand gestures triggering actions such as clicks and scrolling, providing an intuitive, hands-free interaction.

- **Tech Stack:** Python, OpenCV, Mediapipe.

2. **Computer Vision - ResNet18** 08/2024

- **Aim:** Implement a deep learning model for image classification tasks.

- **Design:** Applied ResNet18 architecture to the CIFAR-10 dataset for effective image recognition.

- **Tech Stack:** Python, PyTorch, Keras.

- Achieved a classification accuracy of 60%.

3. **SkyScope - Online Weather App** 04/2024

- **Aim:** Provide users with real-time weather updates in an intuitive format.

- **Design:** Developed a dynamic web application that fetches weather data from an API, displaying current conditions and forecasts.

- **Tech Stack:** HTML, CSS, JavaScript, Weather API.

4. **ASL to English Alphabet Translator** 09/2023

- **Aim:** Create a system to translate American Sign Language (ASL) alphabets to English.

- **Design:** Developed a machine learning model to recognize and map 24 of the 26 non-dynamic ASL alphabets to their English counterparts.

- **Tech Stack:** Python, OpenCV, Mediapipe, HTML, CSS.

- Recognized as a finalist in HackBattle'23 Hackathon.

5. **Web Scraper** 07/2023

- **Aim:** Track and monitor product prices on Amazon for data analysis.

- **Design:** Designed a custom web scraper capable of extracting product details using ASINs, enabling efficient data gathering for price comparison.

- **Tech Stack:** Python, Selenium.

6. **Discord Bot** 10/2021

- **Aim:** Enhance user engagement on Discord through interactive features.

- **Design:** Developed a bot with a functional database for minigames and content-sharing capabilities.

- **Tech Stack:** Python, py-cord, Discord API, Pillow, GNews API, Reddit API

- Engaged over 20 users, operating across 5+ Discord servers, with features for sharing random posts from top Reddit content, news headlines, minigames and image editing capabilities.

## CERTIFICATES

- **Google Cybersecurity Professional Certificate** — Coursera

- **Internship Certificate** — NuvoRetail

- **Internship Certificate** — Comviva

- **Python Certificate** — SoloLearn

- **MySQL Certificate** — SoloLearn

## SKILLS

Python, MySQL, Neural Networks, Machine Learning, JavaScript, HTML, C++, PyTorch, Linux CLI, Computer Vision