

ISHAAN KASHYAP

B.Tech Computer Science Engineering, Fourth Year at VIT Vellore
kshypishn@gmail.com +91 96722 20002
linkedin.com/in/ishaan-kashyap github.com/IshaanKetchup

EDUCATION

B.Tech in Computer Science
Vellore Institute of Technology, Vellore

September 2022 – Present
CGPA: 8.5/10

Higher Secondary Certificate
Army Public School, Dhaula Kuan

April 2020 – March 2022
Percentage: 92%

Senior Secondary Certificate
Army Public School, Dhaula Kuan

April 2018 – March 2020
Percentage: 91.6%

CERTIFICATIONS

Microsoft AI & ML Engineering Professional Certificate
Google Cybersecurity Certificate

Ongoing: Expected August 2025
Completed 9 July 2024

PROFESSIONAL EXPERIENCE

Software Engineering Intern, *Comviva* - Gurugram

June 2024 – July 2024

- Designed and executed 40+ demo test scenarios across automation workflows, predictive analytics modules, and business logic components.
- Gained exposure to AI-influenced components such as decision logic, provisioning workflows, and automated triggers
- Automated regression test cases using Selenium to improve test coverage and repeatability

Data Analyst Intern, *NuvoRetail* - New Delhi

July 2023 – August 2023

- Built a Python-based web scraper using Selenium to extract Amazon product details and/or data via ASINs, scraped 5+ features per product
- Successfully supported product evaluation through analysis of 200+ customer reviews
- Facilitated a high level of data accuracy and reliability through rigorous cleaning and validation of over 700 records

CAMPUS INVOLVEMENT

Events' Head, *IoThinC*, Vellore

January 2024 - January 2025

- Managing all aspects from conception to execution, ensuring smooth logistics as well as post-event documentation, successfully organized more than 10 events
- Ensuring cross functional collaboration amongst the team, was instrumental in increased social media engagement by 7000% during graVITas'24 week and a boost in profile views by 240%
- Successfully conducted a hackathon and workshop with 140+ participants

AI-ML Team Founding Member, *Team PROMETHEUS*, Vellore

July 2024 – March 2025

- Actively contributed to 2 Development and Documentation projects in preparation for RoboCup International.
- Achieved proficiency in Ubuntu.
- Presented "AI in Astronomy" to 100+ attendees, during Space Week 2024 at VIT Vellore.

PROJECTS

1. Multi-modal Deepfake Detection Framework

(Ongoing) July 2025

- Designed a Novel lightweight Deepfake detection framework
- 97% AUC on CelebDF-v2 Dataset
- Tech Stack:** Python, Jupyter notebooks

2. eCPI - pocket Collective Pitch Indicator

May 2025

- Developed an Android app to replicate Collective Pitch Indicators (for Chetak and Cheetah helicopter models) aiding pilot simulation and training
- Designed a clean UI with Material3 components and 4+ dynamic input fields for real-time calculations using aviation-specific formulas.
- Tech Stack:** Kotlin, XML, Android Studio
- Deployed on **Google Play Store: [Download Here](#)**

3. ASL to English Alphabet Translator

September 2023

- Developed a computer vision based ASL Sign detection system, recognizing 24 static ASL alphabets.
- Finalist at HackBattle'23 Hackathon for innovation in accessibility solutions.
- Tech Stack:** Python, OpenCV, Mediapipe, HTML, CSS.

4. Web Scraper

July 2023

- Designed a web scraper to monitor 10+ product prices and extract 5+ relevant data points using ASINs for market analysis.
- Tech Stack:** Python, Selenium, Amazon Website, CSV Files

5. Discord Bot

October 2021

- Developed a full-stack and multi-feature Discord bot with games, image editing, and dynamic content feeds using GNews and Reddit APIs.
- Deployed on Heroku across 5+ public servers; integrated PostgreSQL for stateful features.
- Tech Stack:** Python, py-cord, Discord API, Pillow, GNews API, Reddit API, Heroku Free Tier Hosting, Heroku Postgres