

R KISHORE KUMAR

Chennai, India ◇ kishoredeepu28@gmail.com ◇ [LINKEDIN](#) ◇ [GITHUB](#) ◇ [PORTFOLIO](#)

Analytical and user-focused Computer Science undergraduate at VIT Chennai with strong experience in data analysis, workflow automation and product-oriented development. Skilled in breaking down user requirements, prioritizing features, executing technical solutions and delivering measurable impact. Experienced in cross-functional collaboration, stakeholder communication, rapid prototyping and leveraging data to guide product decisions.

EDUCATION

Vellore Institute of Technology, Chennai
B.Tech in Computer Science and Engineering

Sep 2022 – Jul 2026
CGPA: 8.38

Relevant Coursework: Data Analytics, Product Design Principles, Software Engineering, Data Structures and Algorithms, DBMS, Computer Networks, Artificial Intelligence, Machine Learning, Cloud Computing.

SKILLS

| | |
|------------------------|--|
| Analytics Tools | Excel (advanced), SQL, Pandas, Data Visualization, Statistical Modelling |
| Technical Tools | Python, Java, REST APIs, Flask, FastAPI, Selenium, TensorFlow |
| Platforms | Git/GitHub, Postman, Figma, Docker |
| ML/AI | AWS (EC2, S3), Linux, MongoDB, MySQL LSTM, CNN, Computer Vision |

EXPERIENCE

Data Analyst Intern

Jun 2025 – Present

Tydturns Analytics Limited, Chennai

- Identified workflow bottlenecks and collaborated with business teams to define requirements for automating data operations.
- Built automated pipelines for market data retrieval using **Python, Selenium, Requests, Pandas**. Reduced manual work by **90%**.
- Designed metrics dashboards and improved data reliability by refining API integration and merge logic.
- Performed exploratory data analysis using momentum/volatility indicators to generate actionable insights for product and analytics teams.
- Worked in **Agile sprints**, participating in stand-ups, requirement discussions and impact reviews.

AI/ML Intern

Jun 2024 – Jul 2024

4i Apps Solutions Pvt. Ltd., Chennai

- Collaborated with product and engineering teams to understand user requirements for internal ML tools.
- Built and evaluated ML models to support data-driven decision-making.
- Improved model performance by **20–30%** through feature engineering and tuning, enabling better business use-case alignment.
- Documented workflows, tested REST endpoints and contributed to deployment discussions from a product-utility standpoint.

PROJECTS

Automated BSE Corporate Announcement Extractor

Tech: Python, Selenium, BeautifulSoup, Requests, Tkinter, Pandas, Excel

Designed an end-to-end automated product that retrieves, standardizes and consolidates financial announcements. Achieved **4,000+ daily automated records** with **95% accuracy**. Reduced manual workflow effort by **90%**. Added a Tkinter-based dashboard for real-time visibility — improving user accessibility and decision-making speed.

Context-Aware Multimodal Scene Description System (LLaVA)

Tech: LLaVA, Python, YOLOv8, OpenCV, Flask

Built a real-time assistive system combining visual detection + language understanding. Achieved **32% better**

caption accuracy and **45% faster inference**. Focused on designing a lightweight API for easy integration and a better user experience.

iTrack – LSTM-Based Real-Time Attention Monitoring System

Tech: MediaPipe, OpenCV, LSTM, TensorFlow

Created a user-focused attention monitoring solution for productivity and learning use cases. Achieved **90%+ accuracy** and **38% faster inference**. Reduced distraction events by **25%** through behavior-driven insights. Implemented modular components supporting future product scalability.

EXTRACURRICULAR ACTIVITIES

- **Student Council Member, VITC:** Coordinated academic and cultural events, collaborating with multiple student and faculty stakeholders; contributed to problem-solving, planning and execution.
- **Student Welfare Office, VITC:** Served on the Discipline Committee, ensuring smooth operations during events through conflict management, communication and responsibility.
- **Lead – Photography Team, VIBRANCE 2024:** Managed a **15-member team**, improving workflow efficiency and coverage for 40+ events. Demonstrated leadership, task delegation and user-oriented creative decision-making.