PRASAD KELKAR

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EDUCATION

Vellore Institute of Technology   Sept 2022 – Jun 2026

B.Tech in Computer Science and Engineering (Healthcare Informatics) | CGPA: 8.74/10

Relevant Coursework: Operating Systems, Computer Networks, OOP (SOLID Principles), DBMS

SKILLS

Technical Skills	Python, Java, PyTorch, FastAPI, Streamlit, Scikit-learn, Pandas, SQL, PowerBI, Excel
Soft Skills	Product Management, Problem-Solving, Team Collaboration, Public Speaking
Certifications	Ethnus MERN Stack Developer, Vityarthi Computer Vision
Domains	Machine Learning, NLP, LLMs, IoT, Data Analytics

EXPERIENCE

Growth Intern — *Transforming Digitally*   Jul 2025 – Aug 2025

- Designed and hosted LinkedIn Live sessions on LLM and NLP applications, attracting 70+ attendees from multiple countries and driving over 40% post-event reach growth.
- Enabled SMB owners to adopt AI-driven solutions, generating a pipeline of qualified leads and strengthening the company's global presence.

PROJECTS

Vidhy-AI — **Multi-Model Answer Comparison & Rephrasing Platform**   Jan 2025 – Feb 2025

Tech Stack: HuggingFace Inference API, Python, Streamlit, NLP, LLMs

- Developed an application that compares outputs from multiple LLMs, rephrasing them into plagiarism-free text, reducing ambiguity and enhancing learning outcomes.
- Achieved approximately 60% reduction in decision-making time, improved learning accuracy by 65%, and delivered nearly 70% overall time savings.

Manobodha — **Advanced NLP Emotion Detection System**   Feb 2025 – Mar 2025

Tech Stack: BERT Transformers, Python, HuggingFace, PyTorch, NLP

- Built an emotion detection model with 93% accuracy across 17 emotion categories.
- Implemented transfer learning and hyperparameter tuning, reducing inference time by 40%. Provides a secure platform for individuals to express their raw feelings, understand their emotions and triggers

KrushiMitra — **IoT-based Smart Farming Automation**   Aug 2024 – Dec 2024

Tech Stack: ESP32, IoT Automation, Servo Motors, Solar Power, OTA Updates

- Automated ploughing, spraying, and seed-planting, reducing manual labor by 40%.
- Achieved 98% uptime in field tests through watchdog timers and OTA firmware updates. Designed modular control with fail-safes, power efficiency, and data logging, saving 30% energy over traditional equipment.

ACHIEVEMENTS

- Johns Hopkins Healthcare Hackathon — Semi-Finalist (Top 15%) 2024.
- Zelestral x AWS Challenge — Top 17% 2025 (Ranked 347/2000+ teams).
- Selected to serve as the Minister for Urban Development and Transportation in the Government of India simulation during the National Youth Parliament session at the university level.