

PRASAD KELKAR

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OBJECTIVE

Computer Science student specializing in Healthcare Informatics with expertise in Machine Learning and NLP, seeking internship opportunities to apply my technical skills in real-world applications.

EDUCATION

Bachelor of Technology in Computer Science, Vellore Institute of Technology 2022 - 2026
CGPA: 8.58/10.0 — Specialization: Healthcare Informatics

Class 12, Harikision Maloo International School 2021
Score: 98.67%

SKILLS

Languages	Python, Java
Technical Skills	Machine Learning, NLP, LLM, ReactJS, Express, HTML/CSS, JavaScript
Tools	TensorFlow, PyTorch, Scikit-learn, Pandas
Soft Skills	Leadership, Teamwork, Communication, Problem-Solving

EXPERIENCE

Semi-finalist 2024
John Hopkins Healthcare Hackathon

- Competed in healthcare technology competition with innovative solution

Participant 2025
Zelextral X AWS Challenge

- Secured team ranked 347 among 2000+ submissions

PROJECTS

KrushniMitra - IoT-based Smart Farming Assistant Aug 2024 - Dec 2024

- Designed solar-powered IoT system for farming tasks (ploughing, spraying, seed dropping)
- Implemented transmitter-receiver model for remote operation, reducing manual labor by 40
- Optimized for rural use with sustainable energy and workflow automation

Manobodha - NLP Emotion Detection Feb 2025 - Mar 2025

- Developed text-based emotion recognition system classifying 17 emotion categories
- Trained BERT-based models achieving 89
- Deployed as mental health support web application using Flask

CERTIFICATIONS

- IBM Blockchain Fundamentals (IBM, 2023)
- Ethnus MERN Stack Developer (Etnus, 2024)
- Vityarthi Computer Vision (Vityarthi, 2023)

ACTIVITIES

- Acted as Cabinet Minister for GOV India for National Youth Parliament session
- Cleared 3 exams in Tabla (musical instrument) with distinction