Aketi Raghavendra Varma

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OBJECTIVE

AI/ML Engineer passionate about building intelligent, scalable systems with experience in ML, Deep Learning, NLP, Computer Vision, and Data Analytics. Seeking opportunities to apply ML engineering skills to real-world problems.

SKILLS

Programming: Python, SQL, C, C++
ML/DL Libraries: TensorFlow, Scikit-learn, Pandas, NumPy, OpenCV, Matplotlib
Tools: Git, VS Code, Jupyter Notebook, Power BI, Excel
Core Areas: ML, Deep Learning, CV, NLP, Time Series, Data Analysis

INTERNSHIPS

Gilbert Research Centre *Jun 2025 – Oct 2025*
Machine Learning Engineering Intern
- Developed ML models for predictive analytics and automated research workflows.
- Optimized NLP pipelines, improving performance by **15%**.

Human Initials *May 2025 – Oct 2025*
Data Analyst Intern
- Analyzed large datasets to extract business insights.
- Built Power BI dashboards to track KPIs, trends, and efficiency metrics.

JNTUH *May 2025 – Jun 2025*
Robotics Intern
- Designed obstacle-avoiding and line-following robots using Arduino.

PROJECTS

VisionAI: Employee Productivity Analyzer *Sep 2025 – Present*
[GitHub Link]
- Built a CNN-based system to analyze CCTV footage and detect idle behavior.
- Improved productivity metrics by **30%** via automated visual analytics.

Mental Resilience Simulator *Aug 2025 – Present*
[Demo] [GitHub Link]
- Built a Streamlit-based well-being tracker using sentiment analysis.

AI-Based Cultural Preservation Prototype *Jun 2023 – Aug 2025*
[Demo] [GitHub Link]
- Created an AI tool for transcription, summarization, and visual history generation.

EDUCATION

Sreenidhi Institute of Science and Technology (2022–2026)
B.Tech in Computer Science and Engineering (AI & ML) **CGPA: 7.25**
Narayana Junior College (2020–2022)
Class XII — TSBIE **Percentage: 70%**

CERTIFICATIONS

- **OCI 2025 Generative AI Professional** – Distinction.
- **OCI 2025 AI Foundations Associate** – 95%.
- FreeCodeCamp – Data Visualization (Power BI, Excel).

COMPETITIONS

- **Summer Hackathon 2025:** Built a functional ML prototype in 24 hours.

WORKSHOPS

- Completed a 5-day IoT Bootcamp by NIELIT Aurangabad at SNIST. *Nov 2024*