KAVERI MANGA

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Profile Summary

Final-year B.Tech (Data Science) student with strong expertise in Python, Machine Learning, and Web Development. Completed multiple internships in Data Analytics, AI/ML, and Full-Stack Development, with hands-on experience using Tableau, and Power BI. Skilled in building data-driven solutions and applying ML/DL techniques to solve realworld problems. Actively seeking opportunities in Software Development, Data Science, or AI/ML roles to contribute innovative and impactful solutions.

Key Skills

- **Programming & Development:** Python, Java, C, Data Structures & Algorithms, SQL

- **Web Development:** HTML, CSS, JavaScript, React, Node js, Angular

- **AI/ML Frameworks & Libraries:** TensorFlow, PyTorch, Keras, Hugging Face, Scikit-learn, OpenCV, Pandas, NumPy, SciPy, Matplotlib, Seaborn

- **Databases:** MySQL, MongoDB

- **Data Analytics Tools**: Tableau, Power BI, Excel, Google Data Studio

- **Platforms & Environments:** Jupyter Notebook, Google Colab, VS Code, Streamlit, Github

Education

B.Tech – Computer Science (Data Science)
Vignan's Institute of Engineering for Women, Visakhapatnam
(Expected 2026) | 78.44%

Intermediate – Board of Intermediate Education, AP (2022)
| 89.5%

SSC – Board of Secondary Education, AP
(2020) | 99.17%

Certifications

- AI/ML for Geodata Analysis – ISRO
- Python for Data Science – IIT Madras
- Generative AI – NxtWave
- Data Science & Visualization – IBM
- Cybersecurity Fundamentals – Cisco

- Google Cloud Generative AI – Google

Internships

HMIES Solutions PVT. LTD | Data Analytics Intern (8 Weeks)

- Analyzed business datasets using Python, SQL, and Tableau to extract insights.
- Designed interactive dashboards that improved reporting efficiency and decision-making.

ExcelR | Data Science Intern (8 Weeks)

- Built predictive models using ML/DL techniques to forecast outcomes.
- Enhanced model performance through advanced preprocessing and feature engineering.

Null Class | AI & ML Intern (5 Weeks)

- Developed a real-time emotion detection system using TensorFlow & OpenCV.
- Achieved 85% accuracy on benchmark datasets (FER2013)

Internpe | Web Development Intern (2 Weeks)

- Built a responsive auction and job portal using Java, HTML/CSS, and MySQL.
- Implemented user authentication & database integration to ensure secure access.

Projects

Audience Perspective Analyzer

- Developed an NLP-based Sentiment Analysis tool using Python, Hugging Face, and Streamlit.
- Automated the classification of audience comments and generated summarized insights.
- Helped content creators optimize engagement strategies based on feedback trends.

Simple Emotion Detector

- Designed an ML-powered facial emotion recognition system using TensorFlow, OpenCV, and Tkinter.
- Built a GUI for real-time image upload and prediction.
- Trained on the FER2013 dataset, achieving competitive accuracy results.

Extracurricular Activities & Achievements

- Participated in coding hackathons and AI/Data Science competitions, gaining hands-on problem-solving experience.
- Active member of Technical & Innovation Clubs at college.

Soft Skills

- Problem-Solving | Analytical Thinking | Communication |Teamwork & Collaboration | Adaptability | Fast Learner