# Kona Pavankumar

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## **Career Objective**

Motivated and skilled Computer Science Engineering student passionate about building intelligent systems. Seeking to apply my knowledge in Python, machine learning, and full-stack development to contribute to innovative solutions in the tech industry.

#### **Education**

# Bachelor of Technology in Computer Science Engineering, Dadi Institute of Engineering and Technology, Anakapalli CGPA: 7.3 Intermediate (Class XII), Ravi Junior College, Visakhapatnam Percentage: 79% 2021 – 2025 2019 – 2021

**Secondary School (Class X),** *Sri Chaitanya Techno School, Tuni* CGPA: 10

2018 - 2019

## **Technical Skills**

ProgrammingWeb TechnologiesPython, JavaScriptHTML, CSS, JavaScript

FrameworksDatabasesDjango (Python)SQL Plus, DBMS

Tools Machine Learning(Basics)

MS Excel, GitHub, VS Code

#### **Courses**

# **Python Full Stack Development,** PY Spiders, Bangalore

2025

Currently Pursuing (Expected Completion: 2025)

#### **Projects**

#### Food-order app, Django, HTML, CSS, JavaScript, SQLite

07/2025 - 14/2025

- User registration/login and secure session management
- · Search and filter functionality for food items
- · Add to cart, update quantities, and checkout system
- Admin panel for CRUD operations on menu items and orders
- Responsive design for cross-device usability

#### **Skin Disease Detection using Machine Learning,** *Skin Disease Prediction*

2025

- Developed a skin disease detection system using Python with CNN, SVM, and Decision Tree algorithms.
- Implemented feature extraction using color and texture features such as entropy, variance, and HSV histograms.

 Addressed issues like high false positives and skin tone diversity to enhance detection accuracy.

#### **Emotion Detection System,** *Emotion prediction* **☑**

Developed a real-time text emotion detection app using Scikit-learn and deployed it using Streamlit Cloud.

- Built a machine learning model to classify text into six emotional categories: joy, sadness, anger, fear, love, and surprise.
- Cleaned and preprocessed text data using NLTK (tokenization, stopword removal).
- Extracted features using TF-IDF vectorization and trained classifiers including Naive Bayes, Logistic Regression, and SVM.
- Evaluated model performance using accuracy, precision, recall, and F1-score.
- Deployed the application using Streamlit Cloud for real-time user interaction.
- Added visualization (Seaborn/Matplotlib) and emoji-based emotion feedback in the UI.
- Enabled CSV export of predictions and supported batch input.

#### Certifications

- Microsoft Certified: Azure Fundamentals
- Web Development and AI with Python - Udemy
- Introduction to Web Development (HTML5, CSS3, JavaScript) - IBM

• AI-ML virtual intern-EDUSKILLS

# Internships

### Al Internship - Advancement in Artificial Intelligence

05/2024 - 07/2024

- Completed hands-on training and capstone project focused on real-time AI applications.
- Gained exposure to industry practices and deep learning models.

#### Languages

• Telugu • English • Hindi

# **Additional Information**

- Willing to relocate and available for full-time or internship opportunities.
- Strong problem-solving skills and passion for continuous learning.

2025