Nandi Nikith

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Objective

A highly motivated and passionate third-year Computer Science and Engineering (AI & ML) student seeking an internship opportunity to apply my skills in machine learning, artificial intelligence, and data science, while learning from industry experts and contributing to the growth of the organization.

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering (AI & ML)

Andhra Loyola Institute of Engineering and Technology, Vijayawada, Andhra Pradesh

Graduation: 2022–2026

Current CGPA: 8.8

Technical Skills

Programming Languages: Python, Java

Machine Learning Frameworks: TensorFlow, Keras, Scikit-Learn, PyTorch

Database Technologies: MySQL, MongoDB

Tools & Technologies: Jupyter Notebook, Git, SQL, Docker

Other Skills: Data Structures, Algorithms, Object-Oriented Programming, Deep Learning

Web Development: HTML5, CSS3, JavaScript, Node.js, Python (Django, Flask), MongoDB

Projects

1. Facial Expression Recognition Using Deep Learning

- Technologies Used: Python, Keras, TensorFlow, OpenCV

- Built a CNN model to classify facial expressions using the FER-2013 dataset.

- Achieved 85% accuracy after preprocessing and augmentation.

- Integrated real-time webcam detection with OpenCV.

2. Spam Email Classifier Using NLP

- Technologies Used: Python, Scikit-learn, NLTK, Pandas

- Created an email spam filter using the Enron dataset.

- Used TF-IDF, Naive Bayes, SVM, and Logistic Regression (95% accuracy).

- Evaluated with confusion matrix and cross-validation.

3.Sentiment Analysis Web App:

-Web app for real-time text sentiment analysis (positive/negative/neutral) using AI/ML.Tech Stack: React (frontend), Flask (backend), Hugging Face BERT (AI/ML)

-Features: Text input, sentiment prediction, result history

-"Built sentiment analysis web app with React and Flask, using BERT for real-time text classification."

4.Image Classification Web App:

- Web app for classifying uploaded images (e.g., objects or digits) with AI/ML.Tech Stack: Vue.js (frontend), FastAPI (backend), TensorFlow MobileNet (AI/ML).

-Main Features: Image upload, classification with confidence scores

- "Developed image classification app with Vue.js and FastAPI, using MobileNet for real-time results."

Internship

Internship: ChatGPT/Generative AI

Duration: 8 Weeks

Organized By: International Institute of Digital Technologies in association with APSCHE

Industry Partner: Blackbuck Engineers

- Gained hands-on experience with ChatGPT and generative AI.

- Worked on NLP, machine learning algorithms, and real-world applications.

- Explored content automation, conversational AI, and industry use cases.

Achievements

- Participated in a 24-Hour Hackathon at NRI Institute: Collaborated on an innovative project demonstrating problem-solving and teamwork.

- Completed multiple projects in machine learning, AI, and web development with real-world applications.

Personal Skills

- Strong analytical and problem-solving abilities

- Excellent communication and teamwork

- Quick learner and tech-adaptive

References

Available upon request

Declaration

I hereby declare that all the details above mentioned are real and true for the best of my knowledge .