KODURI VENKATA SWATHI

Ongole, Andhra Pradesh   ✉ venkataswathi74@gmail.com

📞 9705432172   GitHub   in LinkedIn

SUMMARY

Motivated recent graduate in artificial intelligence and machine learning, enthusiastic about utilizing strong programming skills and analytical abilities in a challenging position that encourages professional development and contributes to innovative AI solutions.

PROJECTS

Fake News Detection Analysis – Deep Learning (Project Link)

- This project focused on determining when an article could be considered fake news. For this task, I utilized a dataset called "Fake & Real News" from Kaggle and trained the model over five epochs.
- I employed various libraries, including Pandas, NumPy, Keras, TensorFlow, and Scikit-learn.
- Created a deep learning model based on LSTM architecture for classifying fake news, achieving an impressive accuracy of 99.3%.

Language Detection - Machine Learning (Project Link)

- Language detection is typically treated as a text classification problem where the goal is to determine the language of a given text snippet.
- This project builds a language detection model using Multinomial Naïve Bayes, a commonly used algorithm for text classification.
- Achieved high accuracy using Multinomial Naïve Bayes for text classification.

QR code generator using Python (Project Link)

- A QR code generator script in Python converts data (such as URLs, text, image, or other information) into 1 or more QR code images.
- The script typically utilizes libraries such as qrcode and IPython to manage the generation process and handle image creation.

Missing Child Identification System Using Multiclass SVM and DL (Project Link)

- Built a desktop-based Missing Child Identification System using VGG16 + Multi-Class SVM, integrating DL for face feature extraction and SVM for classification with high accuracy.
- Designed and implemented a complete Tkinter GUI with modules for public uploads, official login, and real-time image matching using OpenCV and SQLite, enabling end-to-end case handling and live detection.

EXPERIENCE

Intern | HS GLOBAL AI   **April 2025 - Present**

- Built and deployed scalable AI applications, including Stable Diffusion pipelines, LLM pipelines, face swap models, face fusion, text-to-speech, and speech-to-text systems.
- Contributed to the development and deployment of the company's website using WordPress as part of the web development team.
- Developed a cross-platform mobile application using React Native and Supabase to serve and integrate the company's AI models.
- Tools & Technologies: Python, TensorFlow, PyTorch, OpenCV, FastAPI, React Native, Supabase, WordPress, GitHub, Hugging Face, Docker.

INTERNSHIPS

Artificial Intelligence Intern-Learnwik   **February 2023-April 2023**
- Completed industrial training on artificial intelligence, covering key concepts and applications of artificial intelligence, including face recognition and smart cars.
- Gained hands-on experience in practical areas like machine learning and computer vision.

Generative AI Intern- Google Cloud   **July 2024-September 2024**
- Earned hands-on experience with Generative AI techniques and tools.
- Acquired overview of Generative AI concepts, from the fundamentals of large language models to responsible AI principles.

Cybersecurity Virtual Intern- EduSkills   **Sept 2023-Nov 2023**
- Obtained hands-on experience with advanced cybersecurity techniques and tools.
- Assisted in the development and implementation of security policies, protocols, and procedures.

SKILLS

- **Backend Languages :** Python, Basics of C and Java
- **Frontend Languages:** HTML and CSS
- **Databases & Applications:** MySQL, Machine Learning, Deep Learning
- **Soft Skills:** Communication, Problem-Solving, Time Management, Teamwork

EDUCATION

Vijaya Institute of Technology for Women   **2021-2025**

  Artificial Intelligence and Machine Learning
  CGPA-8.46

Chaitanya Co-ed Junior College   **2019-2021**

  Intermediate-MPC
  GPA – 9.74

Z P High School (Girls)   **2018-2019**

  S.S.C
  GPA-9.7

CERTIFICATIONS

- Python Basics at INFOSYS
- Google Cybersecurity at COURSERA
- Introduction to Cybersecurity at CISCO
- MongoDB Basics at MongoDB
- Artificial Intelligence Foundation Certificate at INFOSYS
- Computer Vision Onramp at MathWorks

STRENGTHS & INTERESTS

- **Strengths:** Self-confidence, adaptability, integrity, and active listening.
- **Hobbies:** I enjoy learning new technologies, solving Sudoku puzzles, and traveling.
- **Languages Known:** English, Telugu