

# KODURI VENKATA SWATHI



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[GitHub](#)



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## 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](#))

- 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.
- 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.
- Built 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](#))

- Established a QR generator script in Python that converts data (such as URLs, text, image, or other information) into 1 or more QR code images.
- Utilized 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 and 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

<b>Artificial Intelligence Intern-Learnwik</b>	<b>February 2023-April 2023</b>
<ul style="list-style-type: none"><li>Completed industrial training on artificial intelligence, covering key concepts and applications of artificial intelligence, including face recognition and smart cars.</li><li>Gained hands-on experience in practical areas like machine learning and computer vision.</li></ul>	
<b>Generative AI Intern-Google Cloud</b>	<b>July 2024-September 2024</b>
<ul style="list-style-type: none"><li>Earned hands-on experience with Generative AI techniques and tools.</li><li>Acquired overview of Generative AI concepts, from the fundamentals of large language models to responsible AI principles.</li></ul>	
<b>Cybersecurity Virtual Intern-EduSkills</b>	<b>Sept 2023-Nov 2023</b>
<ul style="list-style-type: none"><li>Obtained hands-on experience with advanced cybersecurity techniques and tools.</li><li>Assisted in the development and implementation of security policies, protocols, and procedures.</li></ul>	

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## SKILLS

- Backend Languages:** Python, Basics of C, and Java
- Frontend Languages:** HTML5 and CSS
- Databases & Applications:** MySQL, Machine Learning, Deep Learning
- Soft Skills:** Communication, Problem-Solving, Time Management, Teamwork

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## EDUCATION

<b>Vijaya Institute of Technology for Women</b>	<b>2021-2025</b>
Artificial Intelligence and Machine Learning CGPA-8.46	
<b>Chaitanya Co-ed Junior College</b>	<b>2019-2021</b>
Intermediate-MPC GPA – 9.74	
<b>Z P High School (Girls)</b>	<b>2018-2019</b>
S.S.C GPA-9.7	

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## 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

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## STRENGTHS & INTERESTS

- Strengths:** Self-confidence, adaptability, integrity, and active listening.
- Hobbies:** Interests include technology exploration and problem-solving activities.
- Languages Known:** English, Telugu