

Muvvala Krishna Kiriti

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EDUCATION

Vellore Institute of Technology, Bhopal B.Tech ECE with Specialization in AI and Cybernetics	<i>Cumulative: 8.33/10</i> <i>Graduating in July 2026</i>
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SKILLS

Programming & Data	Python, Java, HTML, SQL, NumPy, Pandas, Matplotlib, Scikit-learn
AI & ML	PyTorch, OpenCV, CUDA, LangChain, Deep Learning, Tableau, NLP
MERN Stack	React, Node.js, MongoDB, ExpressJS, SQL

EXPERIENCE

AI Intern, Infosys Springboard	<i>Sep 2025</i>
<ul style="list-style-type: none">Developing an AI-powered audiobook generator using advanced NLP for text enrichment and open-source text-to-speech synthesis. Implemented LLM-based narration enhancement.	

PROJECTS

RAG-based Efficient Customer Support with Semantic Analytics	<i>Sep 2025</i>
Python, LangChain, Hugging Face, Pinecone, Streamlit, API, Agile methodology	
<ul style="list-style-type: none">Engineered a customer support solution using RAG to process 1,000+ knowledge base documents.Developed a real-time escalation dashboard with chat summaries, 10+ issue tags, and multi-class sentiment analysis for seamless handoffs.Integrated semantic search with FAISS over 1,000+ text chunks, boosting retrieval accuracy by 30%.	
Rural Connect Project	<i>Dec 2024</i>
ReactJS, NodeJS, MongoDB, REST APIs	
<ul style="list-style-type: none">Built a full-stack web platform enabling farmers to discover eligible government schemes using dynamic filters such as age and location.Designed and implemented RESTful APIs with NodeJS and MongoDB to efficiently serve scheme and user data.Improved system reliability through testing, debugging, and cross-functional collaboration in an Agile team.	
Real-Time Facial Emotion Recognition using CNNs	<i>Sep 2024</i>
Python, OpenCV, TensorFlow, Keras	
<ul style="list-style-type: none">Built a Convolutional Neural Network (CNN) to classify facial expressions into 7 emotion categories.Achieved 92% accuracy in the validation set and deployed the model for real-time emotion detection from webcam video.	

HONORS, AWARDS & HACKATHONS

<ul style="list-style-type: none">Co-authored research paper “Education AI,” published by Springer, 2025Second Round in IIK Empresario, participated in ISRO and L’Oreal and other hackathonsFinalist, VIT Bhopal Industrial Conclave, 2024Winner, Blockchain Debate organized by Zeeve, 2023	
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