

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
Big Data & DevOps	Hadoop, Apache Spark, Kafka, Snowflake, Docker, Kubernetes

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%.	
Amazon Q&A Customer Insights Engine	<i>Jul 2025</i>
Python, BERTopic, PyTorch, CUDA, Tableau	
<ul style="list-style-type: none">Engineered an NLP pipeline leveraging BERTopic to extract 25+ distinct themes from 300,000+ Amazon customer questions.Quantified and visualized the top 5 customer priorities across categories.	
Real-Time Facial Emotion Recognition using CNNs	<i>Dec 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, 2025Participated in PROT-BERT protein sequence analysis research as courseworkFinalist, VIT Bhopal Industrial Conclave, 2024Winner, Blockchain Debate organized by Zeeve, 2023Participated ISRO, L’Oreal, IDFC and other hackathonsSilver Medalist, Inter-school Abacus, 2015	
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