



AMIT MAHANTESH GONTAMAR

Sri Jayachamarajendra College of Engineering Mysuru - 570017

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OBJECTIVE

Eager to learn and grow in a supporting environment and seek challenging opportunities where I can fully use my skills for the success of the organization.

EDUCATION

- JSS Science and Technology University (Formerly SJCE), Mysuru **2025**
Bachelor of Engineering, Computer Science – **9.00 CGPA**
- KSSS PU College Budarsingi, Hubli Taluk Dharwad District **2021**
12th Percentage – **93.66**
- Ganachari High SCHOOL Marakumbi, Saundathi TQ, Belagavi Dist **2019**
10th Percentage – **88**

EXPERIENCE

- **Machine Learning Intern at L&T Technology Services (LTTs), Mysore** **March 2025 – Present**
 - Initially conducted research and evaluation of state-of-the-art Multimodal AI (MMAI) models such as **ARIA**, **BioMedGPT**, **BioMedCLIP**, **MedCLIP**, and **XrayGPT**.
 - Gained hands-on experience by analyzing and understanding the codebases of models like **MedCLIP** and **XrayGPT**.
 - Reviewing and summarizing relevant research papers, staying updated with advancements in LLMs, vision-language models, and generative AI.
 - Performed analysis and inference on various vision-language models to assess their feasibility for integration.
 - Currently building core tokenization subsystems for XrayGPT architecture, as part of a larger MMAI framework.
 - Actively working on core **Transformer architecture**, **tokenization strategies**, **embedding creation**, and **attention mechanisms** to deeply understand model behavior and enable training of custom models.

TECHNICAL SKILLS

- Programming languages – C, C++, Python, OOPS in C++
- AI-ML, Web Development – HTML, CSS, JavaScript, API Integration
- Operating System, Computer Networks, Database – MySQL
- **Tools**-VS code, Hugging Face, Jupyter, Github **ML Framework**- Flask, PyTorch, gradio

PROJECTS

- **Car Price Predictor Using Linear Regression-ML**
It utilizes Web based user-friendly application to accurate car price predictions based on user inputs. This tool aids buyers and sellers in making informed decisions by offering data-driven insights into car prices.
- **Indian Sign Language Recognition and Generation System**
This system recognizes Indian Sign Language hand gestures using CNN and generates gesture images from text using cGAN. It features an interactive Gradio interface for real-time gesture recognition and generation, promoting inclusive communication.
- **Weather Forecasting Application using API**
This application fetches real-time weather data from OpenWeatherMap using an API. Built with HTML, CSS, and JavaScript, it displays temperature, humidity, wind speed, forecasts in a user-friendly interface.

SOFT SKILLS

- Adaptability, Computer Skills, Leadership, Communication Skills, Presentation Skills