**PRAJWAL GANESH C**

Bengaluru | [prajwalganesh.ai23@bmsce.ac.in](mailto:prajwalganesh.ai23@bmsce.ac.in) | +91-9113895579 | [LinkedIn](https://www.linkedin.com/in/prajwal-ganesh-c-628796329/) | [GitHub](https://github.com/Prajwal-Ganesh-hub)

**TECHNICAL SKILLS**

* **Programming Languages:** C, C++, Java, Python, SQL
* **Front End Web Development:** HTML, CSS, JavaScript
* **Frameworks & Tools:** Streamlit, Git, VS Code, Jupyter Notebooks
* **AI/ML Tools**: Hugging Face Transformers, Scikit-learn, TensorFlow, Keras, PyTorch, NumPy, pandas
* **Machine Learning Skills:** Text Classification, Emotion Detection (NLP), Transfer Learning, Feature Engineering, Model Integration
* **Relevant Course Work:** Data Structures, Algorithm Design, Machine Leaning, DBMS, OOPS, Operating Systems, Computer Organization and Architecture
* **Soft Skills:** Leadership, Communication Skills, Team Work, Adaptability
* **Languages:** Kannada (Native), English (Fluent), Tamil (Fluent), Hindi (Fluent)

**EDUCATION**

**Bachelor of Engineering (Artificial Intelligence and Machine Learning)** Sept 2023 - Present

B.M.S College of Engineering, Bengaluru  **CGPA – 8.61/10**

**PROJECTS**

**Moodify - Mood-Based Music Recommender**

* Built a full-stack web app that analyzes user-written mood descriptions using a Hugging Face transformer model and recommends matching songs based on audio valence features.
* Integrated text classification (DistilRoBERTa) with real-time emotion inference and a custom recommendation engine using Streamlit and pandas.
* Helps users discover emotion-aligned music through a clean, responsive UI — combining NLP, data filtering, and front-end interactivity.

**BFS & DFS Visualizer**

* Developed an interactive visual tool using Python, NetworkX, and Matplotlib to demonstrate graph traversal algorithms (BFS & DFS) with real-time animations and path highlights.
* Implemented algorithm selection, step-through execution, reset logic, and keyboard shortcuts to enhance learning through visual feedback.
* Designed for educational use, helping users intuitively understand traversal logic and algorithm behavior via animated graph states.

**Notes Taking Application**

* Designed and developed a fully interactive front-end note-taking tool using HTML, CSS, and JavaScript with support for creating, editing, deleting, and categorizing notes in real-time.
* Implemented a responsive layout, dynamic color-coded tags, and localStorage integration for seamless note management and persistent data.
* Enables organized, distraction-free productivity with a clean and intuitive UI, enhancing user focus and accessibility across devices.

**EXTRA CURRICULAR & POSITIONS OF RESPONISIBILITY**

**Junior Coordinator –** UTSAV, BMSCE

* Assisted in planning, organizing, and executing the college’s cultural fest by looking over the hospitality of guests and numerous event organising committees.

**Junior Coordinator –** PhaseShift, BMSCE

* Coordinated hospitality and managed accommodation and on-ground support for guest artists, judges, and external participants.

**Member, Media and Sponsorship** - Gradient Club, BMSCE

* Volunteered in various club-organized events and competitions, assisting with planning, coordination, and on-ground execution.

**HOBBIES & INTERESTS**

* **Dance –** Performed at college events and cultural programs.
* **Singing –** Passionate about both solo and group performances.
* **Sketching –** Proficient in pencil art and creative illustration.
* **Trekking & Travelling –** Enthusiastic about exploring nature and discovering new places.