

GAYATRI DANDGAL

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🌐 [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

Bachelor of Engineering in Computer Science | KLE TECH University | CGPA: 8.60

PUC In Science Stream | GCC | Marks:94%

JUN- 2022

SSLC | GSGHS | Belagavi | Marks:95.20%

MAY-2020

PROJECTS

InspireAll – Full-Stack Web App for Rural Empowerment [🔗 GitHub](#)

Tech Stack: React (Vite), Node.js, MongoDB, bcrypt

- Integrated AI-powered multilingual translation for global accessibility.
- Implemented secure user registration, login, and authentication with MongoDB-based inspireAll_user database management.
- Designed feature-rich modules including skill resources, business tips and personalized user profiles to boost engagement.

Streamline Travel – Modernizing Travel Agency [🔗 GitHub](#)

- Developed a **C++ travel management system** featuring user authentication, booking, and customer records.
- Implemented **OOP concepts** and dynamic memory allocation for robust system design.

Typhoid Fever Dataset Project – Exploratory Data Analysis [🔗 GitHub](#)

- Conducted comprehensive exploratory data analysis on the Typhoid Fever dataset to uncover patterns and insights.
- Utilized Python libraries such as **Pandas**, **NumPy**, and **Matplotlib** for data manipulation and visualization.

Sentiment Analysis on Reddit Comments – Machine Learning Research Paper [📄 IEEE Paper](#)

- Published and presented at the **IEEE International Conference on Computer, Electrical & Communication Engineering (ICCECE 2025)**.
- Evaluated the performance of **Naïve Bayes**, **SVM**, and **BERT** models for sentiment analysis on Reddit comments.

SKILLS SUMMARY

Technical: C++, Python, Data structures & Algorithm, Machine learning, Deep learning, Data visualization.

Frameworks and Tools: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, React, Nodejs

Platforms/ Development Environments: MS-office, VS Code, Codeblocks, Kaggle, Git/Github

CERTIFICATES

- **Practical Jenkins** | Infosys Springboard | [🔗 View](#)
- **Introduction to Artificial Intelligence** | Infosys Springboard | [🔗 View](#)
- **Prompt Design in Vertex AI – Skill Badge** | Google Cloud | [🔗 Credly](#)
- **Develop GenAI Apps with Gemini and Streamlit – Skill Badge** | Google Cloud | [🔗 Credly](#)

ACTIVITIES AND INTERESTS : Art(Mandala) , Movies & Book, Travel, Yoga