YASHWANTH GM

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Education

JSS Academy of Technical Education, Bengaluru   **December2023-May 2026**

Bachelor of Engineering in Computer Science(Artificial Intelligence and Machine Learning)

CGPA:7.53[until 5th sem]

DRR Government Polytechnic , Davangere   **August 2020 - June 2023**

Diploma in Computer Science and Engineering

CGPA : 7.9

Relevant Coursework

- Data Structures and Algorithms
- Database Management System
- Cloud Computing with AWS
- Operating System
- Artificial Intelligence
- Machine Learning

Projects

AI-Based Disaster Prediction & Early Warning System   jan -2025

Tech Stack: **Python, Flask, Machine Learning, HTML/CSS, Pandas, Scikit-learn**

- Designed and implemented an AI-powered disaster prediction system focused on **human safety and accessibility**, aligning with **Human-Centered AI** principles.
- Used environmental data such as **temperature, rainfall, and wind speed** to train a machine learning model capable of predicting potential natural disasters like floods, storms, and heatwaves.
- Developed the backend using **Flask**, integrating ML models for real-time inference and response generation.
- Built a **clean, responsive web interface** using HTML and CSS to ensure user-friendly interaction and clear alert communication.
- Engineered a real-time alert system to notify users and local authorities instantly, prioritizing **usability, transparency, and trustworthiness**.
- Focused on **explainability and user impact**, enabling communities to take preventive actions based on predictive insights.

Technical Skills

Languages: Java, Python, C, HTML/CSS, SQL ,React.

Developer Tools: VS Code, Eclipse, Terminal, Google Colab, JupitorNotebook, python Id3.

Technologies: Linkedin.

Soft skills: Verbal communication, Empathy, Teamwork,conflict resolution, Adaptability,Time and Deadline Management.

Certifications/ Achievements

- Software Engineering – Infosys Springboard