

Ganivada Chaitanya

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Summary

Aspiring software developer and data science enthusiast with experience in web development, database management, and machine learning. Proficient in Python, SQL, and front-end technologies like HTML, CSS, and JavaScript. Skilled in data analysis, visualization, and predictive modeling. Passionate about solving real-world problems through technology and continuously learning new skills.

Technical Skills

- Web Technologies: HTML, CSS, JavaScript, Flask
- Databases: MySQL, SQL
- Programming Languages: Python, R
- Libraries: Matplotlib, Seaborn

Experience

Web Developer | Sampath Software Solutions

(Dates Here)

- Developed and maintained Employee Management System.
- Used HTML, CSS, JavaScript, and MySQL for web-based solutions.
- Optimized front-end UI for better user experience.

Projects

Employee Management System

- **Technologies:** HTML, CSS, JavaScript, MySQL
- Designed a web-based system to **store, retrieve, and manage** employee details efficiently.
- Implemented **CRUD operations** for adding, updating, and deleting employee records.
- Developed a **user-friendly UI** for HR personnel using HTML, CSS, and JavaScript.
- Integrated MySQL for secure and structured **employee data storage**.
- Enabled **attendance tracking and payroll management** for better HR workflow.

Food Nutrition Analysis

- **Technologies:** HTML, CSS, JavaScript, MySQL
- Developed a web-based system to **analyze and display nutrition values** for different food items.
- Implemented a **searchable database** to retrieve nutritional details like calories, proteins, fats, and carbohydrates for each food item.
- Designed an interactive **UI with real-time data visualization** for better user experience.
- Used MySQL to **store and manage food nutrition data**, ensuring quick retrieval and efficient querying.
- Provided **dietary recommendations** based on user-selected food items.

Rainfall and Crop Prediction

- **Technologies:** HTML, CSS, Python, Flask, Machine Learning
- Developed a system to **predict rainfall** based on user inputs such as location, temperature, and humidity.
- Implemented a **machine learning model** to analyze historical weather data and generate rainfall predictions.
- Designed a **crop recommendation system** that suggests suitable crops based on predicted rainfall and soil conditions.
- Built an interactive **web-based interface** for users to input data and receive real-time predictions.
- Used Flask for backend processing.

Certifications

- ▶ Salesforce Developer Virtual Internship
- ▶ CISCO Computer Networks
- ▶ R Programming
- ▶ Web Development Certification

Education

Bachelor of Technology (2023-2026) | MVGR College of Engineering (7.8)
Diploma (2020-2023) | Andhra Polytechnic (79.45)
10th (2020) | Cambridge School (9.8)