

## GAGAN MAHESH

**Residence:** U-004, Mantri Paradise, Bannerghatta Road, Bangalore-560076

**Email:** gaganmaheshhebbar@gmail.com

**Contact:** 9902958202



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## EDUCATION

**Bachelor of Technology (CS) (graduating May-2022)**

**CGPA (up to 7<sup>th</sup> sem):** 8.64/10

## SKILLS

**SW Languages & Tools:** Python, Java, C, JavaScript, SQL, ReactJS, React Native, Redux, Flask, SQLite, GIT, Docker, Redis, Docker-Compose, AWS, React Jest, Enzyme

**SW OS & Applications:** UNIX/LINUX, Jupyter notebook, Postman, Office

**CS Curriculum courses (main):** Data Structures in C, Cloud computing, Operating systems, Computer Networks

## EXPERIENCE

### A. UNDERGRADUATE INTERN in CISCO (JAN 2021 -)

- a. Worked as a frontend developer in Webex collaborations Business Unit.

### B. INTERNSHIP in TASKMONK TECHNOLOGIES (SEPT 2019 – OCT 2020)

#### **PROJECTS WORKED ON:**

##### **1. HOTEL BIDDING SYSTEM: *Minimum Viable Product***

- Worked on developing a product which included designing its workflow from scratch
- Implemented using **react, redux, python, flask(python), SQLite, Firebase**, etc.
- Used **POSTMAN** for testing the APIs and developed **REST APIs** using **Flask**
- Designed database using **SQLite** and user authentication using **Firebase APIs**
- Front-end with **react JS** and used **redux** for maintaining state cycles for the product

##### **2. GAGGLE**

- Worked on building features for the app that was under development by the company
- Features were mainly associated with media handling for the app. Some of them included
  - Creating the native Gallery component
  - Uploading images, videos, docs to the database using APIs developed by the team
  - Filtering and searching the files in the native gallery
  - Developed the media player for the gallery, etc.
  - Also developed git skills during the project

### C. COLLEGE FINAL YEAR PROJECT

**PROJECT OBJECTIVE:** Performance Evaluation of twitter data for Business Analytics

**Languages and Technologies used:** Python, Flask, TensorFlow, HTML, CSS, Redis queue, Docker, Docker-compose, Kubernetes, Tweepy

**Features implemented:**

- Extract tweets based on a particular user account (of any “news corporation” such as TOI) and count of tweets needed
- Extract only hyperlinks from these tweets
- Summarize each hyperlink (extraction of the news article from the provided hyperlinks)
- Mask the latency by introducing worker queues (Redis queues) to process the data in the background
- Detect the given summarized article’s emotion
- Containerize the entire application and maintaining multiple containers through docker compose

#### **D. COLLEGE SEMESTER PROJECTS**

- Designed a fluid website for calculating the typing speed of a person [ 3<sup>rd</sup> sem]
- Movie recommendation application [5<sup>th</sup> sem]
- Image compression using SVD [5<sup>th</sup> sem]

#### **E. PERSONAL PROJECTS**

##### **1. PROJECT TITLE: Portfolio website**

**PROJECT OBJECTIVE:** A well designed portfolio website that provides more details about my projects and skills to recruiters.

**Languages and Technologies used:** React JS, Bootstrap, JavaScript

##### **2. PROJECT TITLE: WhatsApp Clone**

**PROJECT OBJECTIVE:** A chat UI application resembling WhatsApp (only front end).

**Languages and Technologies used:** React native, JSON

#### **LEADERSHIP ROLES AND ACHIEVEMENTS:**

- Played the **Team Lead role** for the **internship projects** in **TASKMONK Technologies**. Was responsible for presenting the progress to the team mentor with weekly and/or daily updates and overseeing feature division and delivery on time
- **Led teams** in the above-mentioned college projects
- Received '**Best outgoing student award**' from **school** (10<sup>th</sup> std)
- Certificates for passing keyboard exams (grade 2 and grade 5) with distinction conducted by Trinity College (London)