

# G.KEERTHIKA

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## SUMMARY

A challenging career which favors learning, creativity, and provides exposure to new ideas and that prompts personal and professional growth along with the organization

### EDUCATION

#### Secondary School Leaving Certificate(SSLC)

Casa Di Mir Matric Hr Sec School  
2015 | Rajapalayam  
Percentage - 72%

#### Higher Secondary Certificate(HSC)

Casa Di Mir Matric Hr Sec School  
2017 | Rajapalayam  
Percentage - 58%

#### The Standard Fireworks Rajaratnam College For Women Sivakasi

##### Bachelor Of Information Technology BSC(IT)

Madhurai Kamaraj University  
2020 | Sivakasi  
Percentage-65%

#### The Standard Fireworks Rajaratnam College For Women Sivakasi

##### MCA ( Master of computer Application)

Madhurai Kamaraj University  
2022 | Sivakasi  
Percentage-75%

### SKILLS

HTML

CSS

JAVASCRIPT

SQL

PYTHON

### CERTIFICATIONS

- Completed Python Full Stack Development course at Qspiders, Chennai Velachery

### PROJECT

#### Automatic Iv Bag Monitoring System Using Iot data Transmission.

- Development Platform: Arduino IDE 1.8.12.
- Purpose:** Automates the monitoring of glucose levels in IV bottles, removing the need for manual checks.
- Key Features:**
  - Load Cell Integration:** Uses a load cell amplifier to determine the weight of the glucose bottle, correlating with the liquid level.
  - Alert System:**
    - A GSM modem sends alerts to mobile phones when the liquid is fully depleted.
    - Notifications are sent when the liquid level is halfway full and when it falls below half.
  - LED Indicators:** Provides visual cues for patients and caregivers for continuous monitoring.
- Outcome:** Enhances patient care by eliminating the need for constant manual monitoring of IV bottles.

#### Personal Portfolio

The website is designed using HTML, CSS, and JavaScript to effectively showcase my interests and professional expertise. It serves as a personal portfolio, highlighting my skills and projects while providing a clean and interactive user experience.

### ACTIVITIES

- Participated in RRC (Red Ribbon Club) and received certificates.
- Participate in a certificate course at the basics of bakery.
- Certified in Embroidery and Aari.

### SELF EVALUATION

- Good communication skills
- Self-motivation
- Time management
- Adaptability