

## Srineela Reddy. M

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### Career Objective

A highly driven and eager B.Tech graduate in Computer Science Engineering, looking for an opportunity to apply my technical skills and creativity in software development. Passionate about innovation and problem-solving, I aim to be part of a dynamic team where I can learn, grow, and contribute meaningfully to projects

### EDUCATIONAL CREDENTIAL

- **Pursuing Bachelor of Technology (B. Tech 3rd year 2nd sem), Computer Science Engineering 2022-2026 (cgpa:9.04)**  
(MallaReddy University, Hyderabad, Telangana)
- **Intermediate Education [MPC],2020-2022 (Percentage: 95%)**  
(Sri Chaitanya, Hyderabad, Telangana)
- **High School Education [10th CBSE] 2020 (Percentage: 90%)**  
(Narayana School, Chennai, Tamilnadu)

### Technical Skills

|                        |                               |
|------------------------|-------------------------------|
| Programming Languages: | Python, Java, Embedded C      |
| Web Development:       | HTML, CSS, React              |
| Database Management:   | MySQL                         |
| Version Control:       | Git, GitHub                   |
| Design & Presentation: | Canva, PowerPoint             |
| Languages:             | English, Hindi, Telugu, Tamil |

### Projects

#### Steganography Project - [Second Year] [November, 2023]

- **Project Type:** Data Security & Image Processing
- **Technology Used:** Java, Java Swing, Cryptography
- **Key Features:**
  - Developed a Java application for embedding and extracting hidden messages in images using steganography
  - Built a user-friendly **Graphical User Interface (GUI)** with Java Swing for seamless interaction
  - Implemented **encryption techniques** to enhance data security
  - Added **error checking** to prevent data corruption and ensure accurate message retrieval
  - Supported **multiple image formats** for increased compatibility
  - Optimized the algorithm to maintain minimal visual distortion in the modified images
  - Designed an **intuitive file handling system** for easy loading and saving of steganographic images

### Netflix Clown App - [Second Year] - [May, 2024]

- **Project Type:** React.js Web Application
- **Technology Used:** React.js, AI-Based Recommendation System
- **Key Features:**
  - Analyzes viewing history to provide **personalized recommendations**
  - Features an **interactive clown character** for fun engagement
  - Supports **voice and text-based interactions**
  - Helps users discover **interesting facts and hidden gems** from their favorite shows

### Remote Agri Monitor [Third Year] - [November, 2024]

- **Project Type:** IoT & Smart Automation
- **Technology Used:** Embedded C, IoT Sensors, Blynk Platform
- **Key Features:**
  - **Monitors** temperature, humidity, and soil moisture in real time
  - **Automatically waters plants** when moisture levels drop below a threshold
  - Integrates essential **NPK nutrients** for plant health
  - Enables **remote monitoring and control** via the Blynk IoT platform
  - Enhances **efficiency and convenience** in indoor plant care

### Extracurricular Activities

#### Leadership & Volunteering

- **[First Year & Second Year] – Class Representative**
  - Served as the **Class Representative** for the 1st and 2nd years of BTech
  - Acted as a bridge between students and faculty, addressing academic and administrative concerns
  - Organized discussions, coordinated events, and facilitated smooth communication
- **[Malla Reddy University] – Volunteer**
  - Volunteered in **Sarang Event, Coding Hackathon, and Tech Fest of Techspardha**
  - Assisted in event management, participant coordination, and technical support
  - Contributed to the smooth execution of competitions and workshops

#### Hackathons & Technical Competitions

- **Hackathon Participation**
  - Competed in a **Hackathon**, collaborating with a team to develop innovative solutions
  - Gained hands-on experience in problem-solving, coding, and teamwork under time constraints

### Certification

- Certified Java Programmer, Coursera
- Machine Learning Specialization, Coursera

### Hobbies and interests

- **Event Volunteering & Leadership** – Actively involved in organizing and managing tech events
- **Music** – Enjoys listening to and exploring different genres of music for relaxation and inspiration