**Hemashree. P**

**hemashree9711@gmail.com**

**Objective:**

A highly motivated student with a current CGPA of 8.0, strong skills in web development, AI, and machine learning, seeking admission for postgraduate further my education and leverage my technical and business knowledge in an international setting.

**Education:**

**Bachelor of Science in Computer Science,**  
Queen Mary’s College(Autonomous), Tamil Nadu,  
(Expected Graduation Date: [May, 2026])

* CURRENT CGPA: 8.0

**Skills:**

* **Languages:** HTML, CSS, Python (Intermediate), C, C++, Java.
* **Web Development:** Proficient in front-end technologies.
* **Technical Skills:**
  + Data Structures and Algorithms
  + Strong understanding of data structures
  + Proficient in algorithms
* **Web Development**:
  + HTML, CSS, JavaScript, and framework
* **Version Control:**
  + Proficient in Git and GitHub
* **Artificial Intelligence and Machine Learning:**
  + Foundation in AI and ML concepts (supervised and unsupervised learning, neural network.
* Interest in deep learning and its application
* **Other skills:**
  + Strong problem-solving skill
  + coding and debugging skills
* **Skills (in progress):**
  + Deep Learning frameworks
  + Natural Language Processing (NLP)
  + Computer Vision
* **Languages:** Fluent in English and Tamil. (Japananes [In progress])

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Volunteering & Extracurricular Activities:**

* **Community Service – Tree Planting**
  + Participated in tree planting initiatives, contributing to environmental conservation efforts by helping to plant and nurture saplings in local communities.

**Awards & Honors**

* Awarded 1st Prize in Debugging Competition.

Awarded for excellence in debugging at queen Mary’s College. Demonstrated advanced problem-solving skills and a deep understanding of programming logic by efficiently identifying and resolving complex code errors.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Projects:**

**Sensor Activated Lighting System:**

Designed and developed a sensor-activated lighting system that automatically turns on in low-light conditions, ideal for rural and mining areas.

**Key Skills:**

•Electronics and circuit design

•Sensor integration and programming

•Energy efficiency and sustainability

**Project Outcome:**

Demonstrated innovative problem-solving skills, creating a practical solution for areas with limited lighting infrastructure.

**Courses:**

* Completed “Python – Object Oriented Programming” training program by Infosys

•Gained hands-on experience with Python programming fundamentals and object-oriented concepts

•Developed skills in designing and implementing efficient, modular, and reusable code

• Enhanced problem-solving abilities through practice exercises and projects

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Interests**

* Web and app development
* AI and machine learning
* Neutral language Processing