

SHARMILA K

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Madurai, Tamilnadu



Dedicated front-end and Java developer passionate about building interactive web experiences. Seeking opportunities to gain hands-on experience and contribute to impactful projects.

SKILLS

- **Programming Languages** : Java, C
- **WebTechnologies** : HTML, CSS, JavaScript
- **Databases** : MySQL, MongoDB

PROJECTS

- **Soil Testing Equipment**

Assesses soil properties such as pH, moisture, and strength. Helps determine soil suitability for agriculture, construction, and environmental projects.

- **CineMatch – Movie Search & Recommendations**

Built with HTML, CSS, and JavaScript, this sleek app uses the TMDB API for instant movie results with posters. Integrated with Appwrite to track search history and suggest a personalized Top 5 “Must Watch” list.

INTERNSHIP

- **KEVELL CORP Global Solutions, Madurai - 2024**

Engineered and implemented a simulated LED bulb control system utilizing an ESP32 microcontroller. The project focused on developing essential software modules to manage the LED bulbs with precision and efficiency.

EDUCATION

- Velammal College Of Engineering and Technology, Madurai, Tamil Nadu.

B.E. ECE [Honors] (2022 - 2026)

CGPA - 8.16 (up to 6th semester)

- St. Antony's Girl's Higher Secondary School, Koodal nagar, Madurai, Tamil Nadu.

Higher Secondary Certificate (2020-2022)

Percentage - 75.17%

CERTIFICATIONS

- **Introduction to Industry 4.0 and Industrial Internet of Things** - NPTEL ELITE + Silver certification
- **Sensors and Actuators** - NPTEL ELITE + Silver certification
- **Cloud Computing** - NPTEL ELITE Certification
- **Web Development with HTML CSS** - Infosys Springboard Certifications

PAPERS PRESENTED

- Presented a paper “A Novel Algorithm For Classifying Tumor in Large Intestine Histopathology” in K.S.Rangasamy College of Technology, Apr 2025

WORKSHOP

- Attended two days workshop on Beyond 5G by Velammal College of Engineering and Technology during September, 2023