

CONTACT

Phone: +91 9952668693

Email: harshavarthini09@gmail.com

Address: 10-A, Elango Nagar, Coimbatore

Portfolio: [harshajeon.github.io/myportfolio/](https://harshajeon.github.io/myportfolio/)

PROFILE SUMMARY

Innovative and self-motivated professional with a strong analytical mindset and proven adaptability to evolving industry trends. Known for clear communication, teamwork, and a commitment to delivering creative, technically sound solutions that drive meaningful results.

EDUCATION

SNS College of Engineering | 2021-2025

CSE (IoT & CS including BCT)

- CGPA: 8.8

PSGR Krishnammal Hr. Sec. School

- HSC | 91% | 2020-2021
- SSLC | 86% | 2018-2019

PROJECTS

- Multi-Plant & Multi-Crop Leaf Disease Detection and Classification | 2025**  
**Description :** Built a deep learning model using CNN and LBP to detect and classify leaf diseases across multiple crops, improving accuracy and aiding early disease management.
- Portable Radar Using Arduino | 2024**  
**Description :** Developed a portable Arduino-based radar for real-time object detection and 180° scanning, with live visualization via Blynk and Processing.  
**Shortlisted for NIRAL Thiruvizha (Regional Round) - 2025**
- Smog Reduction System | 2023**  
**Description :** Solar-powered smog reduction system integrated with streetlights to filter airborne particulate matter (PM1-PM10), providing energy-efficient, eco-friendly outdoor air purification for urban areas.

PATENT

Mitigating ATM Pin Theft Through Cyber Security Measures | 2024

TECHNICAL SKILLS

- HTML
- CSS
- Java Script
- SQL
- C
- Core Java

ACHIEVEMENT	Paper Presentation   Runner   Karpagam College of Engineering   2022
WORKSHOPS	<ul style="list-style-type: none"><li>Penetration Testing   BCBUZZ   2023</li><li>Ethical Hacking   Falcon Edtech   2024</li></ul>
TOOLS	<ul style="list-style-type: none"><li>Canva</li><li>Proteus</li><li>MySQL</li></ul>
INTERNSHIP	Industrial based Embedded Systems with AI and IoT   NSIC   2023
COURSES	<ul style="list-style-type: none"><li>C Nano Degree   Prepinsta</li><li>Web Development   Internshala</li></ul>
PUBLICATION	Adaptive Augmented Deep Learning with EfficientNetB3 for Robust Plant Disease Classification   2025
LANGUAGES KNOWN	<ul style="list-style-type: none"><li>English</li><li>Tamil</li></ul>
KEY SKILLS	<ul style="list-style-type: none"><li>Teamwork</li><li>Communication</li><li>Resilience</li></ul>
DECLARATION	<i>I hereby declare that the information contained in my resume is in accordance to the facts or truth to my knowledge.</i>