

DHARSHINI LAKSHMANAN

JAVA DEVELOPER



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PROFILE

I am currently pursuing Computer Science and Business System student with proficiency in programming languages and tools. I am a proactive student with a strong academic background and hands-on experience in Hardware and Software development and presentation. Eager to apply my skills and contribute effectively to innovative projects in the technology sector.



EDUCATION

- B.TECH Computer Science and Business System** 07/2021 - Present
PSNA College Of Engineering And Technology Dindigul, India
CGPA 8.67 (Upto 6th Semester)
- HSC - (CS)** 2019-2021
Sita Lakshmi Girls Higher Secondary School Madurai, India
Percentage 90.4%
- SSLC** 2018-2019
Sita Lakshmi Girls Higher Secondary School Madurai, India
Percentage 91.4%



PROJECTS

- Mini Calendar Development** <https://github.com/Dharshinilaksh>
*This project is a web application that displays the current **date, day, month, and year**. It features a modern design with a gradient background and an organized layout, dynamically updating the date and time based on the user's system clock.*
TOOLS - HTML | CSS | JavaScript
- Simple Calculator Project**
This is a web-based calculator that performs basic arithmetic operations such as addition, subtraction, multiplication, and division. It features a modern gradient design with responsive and neumorphic buttons for a visually appealing experience. The calculator ensures smart input handling, preventing invalid sequences like repeated decimals or consecutive operators. It also includes functions like clearing the display and deleting the last character.
TOOLS - HTML | CSS | JavaScript
- Poultry Farm Hazardous Gas Alert System**
*This project develops a **gas leakage detection and alert system** using Tinkercad for simulation. It utilizes an MQ-2 gas sensor to detect gas leaks, and an Arduino to process the sensor data and trigger an **alert** using a **buzzer** and **LED**. The project aims to enhance safety by providing timely alerts in case of gas leaks.*
TOOLS - TinkerCad Simulation | Arduino UNO | MQ-2 | Python



SKILLS

Development - JAVA , HTML , CSS , Js , SQL , Groovy.

Tools - VsCode , Eclipse , IntelliJ.

Soft Skills - Team Collaboration , Communication , Monetization , Market Research , CPM .

Design - Canva , Logo Design , Figma .

FrameWork - SpringBoot .



INTERNSHIP EXPERIENCE

Embedded System and Internet of Things Development Intern (1 - Month)

PANTECH Solutions - Madurai

- Learn about the **EIoT Field** from scratch and worked on the several projects on it . They Taught to develop a **hardware** and **arduino simulation projects** . Like LED Blinking , Weather Monitoring System , Theft Alarm Indicator , Dancing LED , Hazardous Gas Alert System.



ACHIEVEMENTS

Grand Finalist , Election hackathon.

*Election Commission, India - **IIIT** , **Bangalore**.* Recognized and honoured as one of the **top 8** teams in the hackathon for our performance.

Grand Finalist , Startup TN SDG Hackathon.

*Organized by AICTE , Google Developer Groups , hosted by **PSNACET**.* Recognized as one of the **top 12** teams in the hackathon and get honoured.

Pre-Finalist , Youth Talk.

Recognized as a Regional Pre-Finalist , Organized by Mannar College and Hosted by ICT Academy . Qualified as the one of the Pre-Finalist among 45+ Competitors.

Build Club Member , PSNACET.

Active member and contribute my technical skills with my teammates on a mission to turn ideas into reality! and completed several projects on **EIoT Domain**.



CERTIFICATIONS

- Communication Skills and Interpersonal Influence - **LinkedIn**.
- Introduction to CyberSecurity , Python Level 1 and Level 2 - **CISCO**
- Microsoft Azure AI Engineer Association - **ICT Academy**