

JANAGABALAN R

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OBJECTIVE

Engineering graduate with practical experience in IoT projects including smart door locks, earthquake detection, and radar systems. Good knowledge of microcontrollers, hardware connections, and real-time troubleshooting. Looking to grow in core engineering roles.

TECHNICAL SKILLS

Programming Languages : C, Embedded C, Python

Microcontrollers : Arduino, ESP32, NodeMCU

Cloud Platforms : Blynk IoT, Sinric Pro

Softwares : Proteus 8.1, Tinkercad, MATLAB, NI Multisim, Arduino IDE

INTERSHIPS

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|---|---------------------------------------|
| • NSIC-Technical Services Centre, Chennai | • ALAS Robotech Solutions Pvt Ltd |
| • -Embedded Systems With AI & IOT | • - Internet of things |
| • -Duration(12/08/2024 to 19/08/2024) | • -Duration(01/02/2025 to 10/02/2025) |
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PROJECTS

IOT Framework for Decoding Plant Stress and Health

- -IoT-based plant health analysis using environmental and bioelectric data.

Home Automation using Gemini

- -Controlling Home Appliances using Gemini
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EDUCATION

Dhanalakshmi Srinivasan Engineering College (AUTONOMOUS)

B.E.,(ELECTRONICS AND COMMUNICATION ENGINEERING) (2022-2026)

CGPA-7.9

Sathya Saai Public School (CBSE)

HSC - 67%

SSLC - 72%

CERTIFICATIONS

AWS Academy Cloud Architecting

-Complete Guide to Build IOT Thing from Scratch to Market Course by udemy

-DMO(Diploma in Microsoft Office)