

Jayaprakash M

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Career Objective:

An ECE Engineering Graduate having both hardware and good software knowledge, has a passion to learn and work in Embedded System based Company.

Employment History:

Jul 2023 - Present: Graduate Engineer Trainee - R&D Hardware, Sona Comstar

- Responsibility on EMI/ EMC Design, Testing and Troubleshooting in Board level.
 - Hardware and Software integration and Calibration.
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Skills:

- C, C++
 - Embedded C
 - Problem solving
 - OOPs
 - Data Structures Algorithm
 - Embedded system
 - Digital & Analog Circuits Design
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Tools Used:

- Arduino IDE
 - Visual Studio code
 - Vector CANoe & CANape
 - STM32 Cube
 - Keil
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Education:

- B.E.ECE - Government College of Engineering, Salem - 8.4 CGPA
 - HSC - Sri Vijay Vidhyalaya Matric Higher Secondary School - 85.83%
 - SSLC - Government Boys Higher Secondary School, Dharmapuri - 92.60%
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Internship:

Feb 2023 - Jun 2023: GET Intern - R&D Hardware, Sona Comstar

Learn about EMI/EMC Automotive Testing, Schematic Diagram, Soldering, PCB Layout Design, Hardware Testing, Problem Solving, Controller Architecture, Document Preparation

Projects:

College Project 1- Motor controller in Two wheeler

Traction control motor Controller in two wheelers base model

College Project 2 - Home Automation

House Hold electronics (Light, Fan) controlled through Mobile phone App by using ESP32 Microcontroller

College Project 2 - Smart Home

Automating House hold electronics in Smart way by using ESP32 Microcontroller
Like Fan is controlled by the Room temperature, Room Humidity

Workshop :

- Image Processing Made Easy Workshop using MATLAB in Vision 2022 at CEG, Chennai
 - Arm Cortex Bootcamp by Pantech Solution (Different type of controllers, its uses and Specifications. Cortex M4 Architecture)
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Co- Curricular Activities:

- Web Development
 - photo Editing
 - Video Editing
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Extra- Curricular Activities:

- College Placement Co-Ordinator, Government College of Engineering, Salem
 - NSS Volunteer - Government College of Engineering, Salem.
 - Student Secretary Etrics Club - Government College of Engineering, Salem
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Hobbies:

- Chess (1450 blitz rating)
- Cooking