Inbaraj A

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(He/Him)

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EDUCATION

**Anjalai Ammal Mahalingam Engineering College,** Thiruvarur.

BE- Electronics and Communication Engineering (Anna University)

October 2021 - July 2024

Entrepreneurship Development Cell Student’s Leader | Chess Team Captain

**Government Polytechnic College,** Papanasam. Diploma of Electronics and Communication Engineering (DOTE - 84%)

July 2018 - April 2021

Class Representative

**Little Flower Higher Secondary School,** Kumbakonam Mathematics and Computer Science (12th STATE BOARD - 54%)

June 2016 - May 2018

**The High school,** Umayalpuram (10th STATE BOARD - 87%)

June 2011 - March 2016

The Bharat Scouts and Guides- Rajya Puraskar

INTERNSHIP

**Bajaj Engineering Skill Training at SASTRA** **University,** Thanjavur

Industry 4.0 & Smart Manufacturing | Robotics and Automation

Mechatronics | Motion Control & Sensor Technology.

May 2024 – **Present**

PROJECTS

* **Emergency Communication System for Hills & Forest Regions Using IIoT -** ESP32 Controller, LoRa-865MHz, Firebase, Flutter.

Engineering Final Year Project

* **Obstacle Avoiding and Voice Control Robot Car** - using Arduino IDE and MIT App Inventor.

Diploma Final Year Project

* **Smart Vehicle Tracking Device** - using Arduino IDE, Firebase Cloud, and MIT App Inventor.

Self-Taught Project Development

* **Bee Venom Collector** - Research & Development project.

SKILLS

* C Programming
* Embedded Systems
* C++
* Firebase
* Flutter

AREA OF INTEREST

* Embedded Systems
* App Development
* Web Development
* Robotics
* E-Vehicle Technology

AWARDS

* Chess Zonal Level **Winner** (2024 Zone-XV) Anna University.
* E-Leader Workshop - (SASTRA University, Thanjavur)
* Startup TN - Program (SSMIET, Dindigul)

SOFT SKILL

* Problem Solving
* Leadership

LANGUAGES

Tamil, English