



Bibin V Babu

Thuruthichira kanjippadom po Alappuzha

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Objective

A recent B.Tech Graduate with a degree in Electronics and Communication Engineering. Self driven and well disciplined individual looking for work as a fresher in order to garner experience and hence, to start a career journey. Goal-focused and well adapted to teamwork. Seeking to gain new knowledge and work experience in Electronics and IT fields.

Education

- BTech in Electronics and Communication Engineering** 2019 - 2023
Amal Jyothi College of Engineering Kottayam. Graduated under APJ Abdul Kalam Technological University.
CGPA : 7.06
- Higher Secondary Education - Computer Science** 2017 - 2019
St.Mary's HSS, Champakulam, Allapuzha, Kerala. Completed under State Board of Higher Secondary Education in the stream of Computer Science. Successfully passed with a percentage of 86%.
- Secondary School Education** 2016 - 2017
St.Mary's HSS, Champakulam, Allapuzha, Kerala. Completed under State Board of Secondary Education. Successfully passed with a percentage of 98%.

Technical Skills

- Embedded C | Arduino | RTOS | Microcontrollers - PIC, ATMEGA, LPC, STM32 | PCB Designing - Altium, Eagle
- Protocols- UART, I2C, SPI, CAN, ZigBee | Raspberry Pi- Python GUI Programming | AUTOSAR | Linux

Internship

- Fibre Optic Technology Internship | 2023** -
Amal Jyothi Nest Center for Fibre Optics Technology in Collaboration with NeST. (1 week internship)
- Advanced Python Internship | 2020** -
Amal Jyothi College of Engineering (9 days internship)

Certification & Training

- Advanced PG Diploma In Embedded System & Hardware Designing | SMEC LABS Kaloor

Projects

- Automated Hydroponics**
Collecting sensor data from a hydroponics farm and display it on the cloud and control the nutrients and pH on the basis of sensor values.
- Leaf disease detection using computer vision**
Detects the disease affecting a leaf and digitalizes the affected disease and its details.
- Spot welder**
Used for welding Nickel Strips which are interconnected between two battery cells.

Achievements

- First Position in Luxathon 3.0
National Level Electrical Hackathon conducted by IEEE.

Languages

- Malayalam (Native)
- English (Advanced)