

# BACKIARAJ B

## SKILLS

- HTML
- CSS
- JavaScript
- NodeJs
- ExpressJS
- PostgreSQL
- React

## RELEVANT COURSEWORK

- Internet of Things
- Digital Electronics
- Electronic Device

## OBJECTIVE

I seek challenging opportunities where I can fully use my skills for the success of the organization.

## EDUCATION

**Government College of Technology,  
Coimbatore**

B.E. Electronics and Communication  
Engineering (2019 – 22) | CGPA : **7.0**

**Scad polytechnic College**

DIPLOMA (2019) | Percentage:  
**88%**

**R.P.Hr.sec.school**

SSLC (2015) | Percentage: **78%**

## PERSONAL DETIALS

Date of birth : 04/08/2000

MobileNo: +91 6382991950

Emailid:

backiaraj08p@gmil.com

Language: **Tamil** **English**

## PROFILE SUMMARY

An Engineer from the Graduating Batch of 2022 demonstrable projects in **Edge**.  
Currently seeking an job/intern in IT sector. **IoT on the**

## PROJECTS

### BIKE AUTOMATION USING IOT

Tech stack:

**Edge**

- ESP8266
- Arduino IDE
- Embedded C
- Sensors
- Relay
- GPS Module

**Cloud**

- Blynk Application
- IFTTT

- ON/OFF Ignition coil and starter relay of the bike by using mobile phone with help of blynk server.
- Track the location of the bike using GPS Module connected to esp8266 board.
- By using temperature sensor measure the engine heat and monitoring on led display which increase engine efficiency

### AUTOMATIC HEADLIGHT BEAM CONTROL OF VEHICLE

Tech stack:

**Edge**

- Arduino uno
- Arduino IDE
- LDR sensor

- Travel during night times the headlight of the upcoming vehicle hits the eyes of the driver from the upcoming vehicle causes glare to the driver and it leads to accident.
- The ldr sensor which act as a variable resistant that converts the high beam of the upcoming vehicle headlight to low beam with the help of arduino uno and other components.
- This system will be a useful in the area of automobile and brings a new trend to ensure the safety of the drivers

## INTERNSHIP

### PCB DESIGN

Tech stack:

**Edge**

- Eagle software

- Attended four week intern in printed circuit board designing Technology at tevatron technologies Pvt.Ltd.

## WORKSHOPS

- Attended electronics troubleshooting workshop at government college of Technology, Coimbatore.