Gautham Kannan JB

✉ gauthamjb7@gmail.com 📞 +919400783633

📍 Calicut, Kerala ✈ gauthamjb.github.io

in gautham kannan ⭘ gauthamjb

Aspiring learner, programmer, developer, enthusiast who loves to solve real-world problems. Loves to meet new people and learn new things.

Education

Btech, Electronics and Communication,
Amrita University
2020 – 2024 | Kollam, Kerala
8.73

AISSCE, *Bhavans Perumthiruthi*
2019 | Calicut, Kerala
8.90

AISSE, *Bhavans Perumthiruthi*
2017 | Calicut, Kerala
9.12

Professional Experience

Member, *Bi0s Hardware*
2020 – present | Kollam, Kerala
A team of enthusiasts working on securing devices from attacks that come from the physical device rather than the software the system runs.

Internship IOT, *Keltron Knowledge Center*
July 2022 | Calicut, Kerala
Completed an Embedded Systems/IOT project using Arduino Uno and ESP8266 NodeMCU on controlling the lighting remotely through a webpage.

Skills

Programming Languages
C, C++, Python

Software Proficiency
STM32IDE, KiCAD, AutoCAD, Ansys

Soft Skills
Team work, Problem solving, Critical thinking, Versatility

Online Courses

Foundations of Project Management ⧉
google

Responsive Web Design ⧉
FreeCodeCamp

Projects

CompatrIOT
2022 – present
A development board to learn hardware exploitation.

BMI App
2023
A simple BMI calculator app made using flutter framework.

Hardware UI Interface, *Keltron*
2021
Controlling the lighting using a webpage integrated through Arduino and ESP32 Nodemcu

Achievements

Hardware CTF (Runnerup), *NULLCON*
2022
Hardware Security based CTF held as a part of NULLCON, Asia's largest cybersecurity conference

Dsci Achievement Certificate For Security,
Data Security Council Of India ⧉
2022
Qualified for the preliminary round and being the 1st runner up of the qualifier round.

Community Outreach Project

Student Social Responsibility
August 2022 – December 2022
Conducted webinars and interactive sessions with alumni to provide career guidance.

Hobbies and Interests

Football, Music, Photography

Languages

English *(5)* • **Malayalam** *(5)* • **Hindi** *(4)*

References

Manazhi Rashmi, Amrita University
manazhyrashmi@am.amrita.edu, +919495395888