



Mohammed Ashad MM

ELECTRONICS ENGINEER

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INFO

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EDUCATION

2021 - Present 7.59 CGPA
B Tech in Electronics and Communication Engineering
TKM College Of Engineering, Kollam
APJ Abdul Kalam Technological University

2018 - 2021 8.79 CGPA
Diploma in Electronics Engineering
AKNM Govt. Polytechnic College, Thirurangadi
Board of Technical Education, Kerala

2016 - 2018 74%
12th in Science
KHM Higher Secondary School,
Board of Higher Secondary Edn. Kerala

LANGUAGES

English Malayalam

ACHIEVEMENTS

YIP 3.0 (Mar 2023)
Issued by: KDISC
Won Young Innovators Program (YIP 2020) for the project
PID Based Egg Incubator
<https://yip.kerala.gov.in/>

Latency 2.0 Hackathon (May 2022)
Issued by: IEDC TKMCE
Secured 2nd prize in Latency hackathon
<https://latency.hestiatkmce.live/>

EXPERIENCE

2020 - Present
Embedded Systems Freelancer
e-lab innovations
<https://elabins.com/>

May 22, 2023, to June 2, 2023
Internship - P&D Wing, Smart Energy Meter
CMS Computers Ltd (India)

- Collaborated with the team to identify and resolve issues related to the GSM module in the single-phase meter.
- Successfully fixed bugs and ensured seamless communication between the smart meter and the GSM network.
- Learned basic smart meter testing using Gurux and Kalkitect.

<https://www.cms.co.in/>

PROJECTS

CampusCast (Feb 2023 - Jun 2023)
B Tech Mini Project
An IoT-based announcement system for schools and colleges
[ESP32](#) [I2S Audio](#) [React Native](#) [Firebase](#) [NodeRed](#)
<https://github.com/e-labInnovations/CampusCast>

Auto Billing Trolley (May 2023 - May 2023)
Freelance Project
[ESP8266](#) [WebSocket](#) [IoT](#) [NodeRed](#)
<https://github.com/e-labInnovations/Auto-Billing-Trolley>

SCNotifier (Jun 2021 - Oct 2021)
Diploma Main Project
An IoT-based notification system for smart classrooms
[ESP32](#) [Arduino-IDE](#) [NodeRed](#) [WebSocket](#)
<https://github.com/e-labInnovations/SCNotifier>

ESP12 Home Automation (Jul 2020 - Jul 2020)
Hobby Project
[ESP8266](#) [WebSocket](#) [WiFi](#)
<https://github.com/e-labInnovations/ESP12-Home-Automation>

More projects are available on my **GitHub** account
<https://github.com/e-labInnovations>

SKILLS

[Arduino](#) [C](#) [JavaScript](#) [NodeJs](#)
[Hardware Designing](#) [IoT](#) [ReactNative](#) [Git](#) [Firebase](#)

- Good electronic device troubleshooting skills
- Well knowledge of microprocessors and microcontrollers
- Good planning and organisational skills