



# Mohammed Ashad MM

ELECTRONICS ENGINEER

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[e-labinnovations](https://github.com/e-labinnovations)

## INFO

[📍 Malappuram, Kerala, 676508, India](#)  
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## EDUCATION

2021 - Present 7.56 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%  
**12<sup>th</sup> 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