

Nithin Mathew Joji

Ph: +91-8547062991 , email: nithinmathewjoji@gmail.com

Linked in : www.linkedin.com/in/nithin-mathew-joji-591a86202/

Portfolio: <https://nithinmathewjoji.github.io/portfolio-new/#projects>

GitHub : www.github.com/nithinmathewjoji

Objectives

I aim to apply my skill and knowledge towards achieving a dynamic organization goal , aiming to advance my career and personal growth.

Portfolio : <https://nithinmathewjoji.github.io/portfolio-new/#projects>

Projects

1. Self-tracking solar off grid inverter (mini project):

- Very versatile and compact inverter design that can convert 12v dc to 220v 50hz ac at 400w
- Has both battery and solar operation , and its fully a standalone device
- Designs for circuit and pcb were made in house

2. Project web page (IIT Palakkad)

- Made entirely from scratch using html, CSS and js
- Used to host the project files and to showcase the projects in IIT Palakkad Techfest 2024

3. Electromagnetic coil gun (major project)

- A new and innovative mode of modern and automated weaponry
- Uses no moving parts works entirely on electromagnetic propulsion
- Made as a part of our major project

Relevant links

Mini project: <https://nithinmathewjoji.github.io/A-GN-web-page/>

Project web page : <https://nithinmathewjoji.github.io/A-GN-web-page/>

Major project: <https://nithinmathewjoji.github.io/portfolio-new/#projects>

Education

Electronics and Communication Engineering

College of Engineering Chengannur

Certified By: APJ Abdul Kalam Technological University

2020-2024

Internships

PCB Designing:

Sinro-robotics Pvt Ltd | Palarivattom, Kochi

- Learned to make professional quality pcb boards and design circuits
- Project done based on internship : mini and major project
- Ongoing project : mission diy Arduino (MiniVieNO)
- Relevant links : <https://github.com/nithinmathewjoji/MiniVieNO>

11/09/2023-13/09/2023

AWS:

IIT Kottayam

- Learned to deploy custom local and cloud servers on local systems and AWS platforms
- Gained knowledge on networking and internet protocols
- Project done : personal local chat application (not deployed)

12/11/2023-16/11/2023

Achievements

Sl no:	ITEM	Category	STATUS
1	IHRD THARANG	BEST HARDWARE	FIRST
2	KSCEST IIT Palakkad TECHFEST	APPLICATION PROJECT	SILVER

Programming Languages and software's known

Sl no:	Language
1	Python
2	C++
3	HTML , CSS , JS
4	KiCad , Protius , Altium designer Adobe creative suite
5	Power point, excel , word