





# Joyal Joseph

## Electronics Engineer

Mundakkayam, Kerala 

+91 6238189424 

joyaljosephnote@gmail.com 

linkedin.com/in/joyaljoseph 

YouTube - Hello Tech Malayalam 

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## OBJECTIVE

To secure an Electronics Engineer position within a fast growing company in which my expertise can help the organization meet their goals.

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## SKILLS

- Hardware Maintenance – Computer
- Problem-solving and critical thinking
- Testing knowledge
- Technical Support (Hardware, Software)
- Electrical wiring, Soldering
- Workflow Planning
- Systems Installation, Configuration & Upgrading
- GitHub Actions
- MS Office, C, HTML, CSS, JavaScript

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## EXPERIENCE

APR 2020 – JAN 2022

### Software Administrator / Kottaram Group, Kanjirappally

- Install and configure software and hardware
- Manage network servers and technology tools
- Set up accounts and workstations
- Monitor performance and maintain systems according to requirements
- Troubleshoot issues and outages
- Ensure security through access controls, backups and firewalls
- Upgrade systems with new releases and models
- Develop expertise to train staff on new technologies

JUL 2021 – JAN 2022

### Assistant Production Supervisor / Kottaram Group, Kanjirappally

Roles and responsibilities

- Identify all issues in team and provide continuous support to all members according to operating standards on everyday basis.
- Supervise effective working of production personnel and prepare effective production schedules and ensure compliance to all company policies.
- Conduct briefing on daily basis to achieve goals according to production plan.
- Maintain records of all data attendance and provide effective training to all staff members.
- Coordinate with equipment and process teams and ensure compliance to all protocols and maintain product quality.
- Manage and prioritize all production processes and implement all production plans.
- Ensure compliance to all local policies to achieve all production objectives and provide appropriate feedback to all employees.
- Prepare necessary paper work and maintain records of all documents.
- Evaluate and maintain all department budgets and analyze all variances for same.
- Ensure compliance to workplace policies according to safety objectives.

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## PROJECTS

### Women safety device with GPS tracking and voice alert.

This project presents a women safety detection system using GPS and IOT modules. The system can be interconnected with the alarm system and alert the neighbors. This detection and messaging system is composed of a GPS receiver, Microcontroller and IOT Module. GPS receiver gets the location information from satellites in the form of latitude and longitude. Using this information, the police will be able to save the victim from the location.

### Smart Walking Stick for Blinds

Technology can indeed neutralize human disability; with this in mind let us use the power of Arduino and simple sensors to build a Blind man's stick that could perform more than just a stick for visually impaired persons.

### Web Designing

Complete responsive personal portfolio website design by using HTML, CSS and JavaScript.

This website is designed with scalability & maintainability in mind.

Main Features: High quality design, well commented code, 100% responsive design.

Link to the live project: <https://joyaljosephnote.github.io/Portfolio-Website/>

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## EDUCATION

### Diploma in Engineering - Electronics Engineering - 2017-2020

Government Polytechnic College, Vechoochira, Department of Technical Education,

Affiliating University: State Board of Technical Education, Kerala

First Class **CGPA: 7.23**

### Higher Secondary - Science Electrical and Electronics Technology - 2017

Government Vocational Higher Secondary School, Ponkunnam

Govt. of Kerala, Board of Vocational Higher Secondary Examinations (VHSE) with 66.8% marks.

### High School - THSLC Electronics - 2015

Government Technical High School Kanjirappally, Koovappally

Government of Kerala, Technical Education Department THSLC with 82.5% marks.

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## ACHIEVEMENTS

- Industrial training on Long Distance Communication Systems conducted by BSNL Thiruvalla
- Industrial training at Satellite Earth Station Muvattupuzha
- Course Completed – Web Designing (Brototype Malayalam, Self-learning platform)
- Course Completed – 100K Coding (Brototype Malayalam, Self-learning platform)
- On the Job Training (OJT) at Whirlpool Service Center, Kanjirappally.
- Former National Service Scheme (NSS) volunteer.

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## DECLARATION

I hereby declare that all the information furnished above are true and correct to the best of my knowledge.

**JOYAL JOSEPH**