

Deepak kumar R

IOT Engineer at Geomeo Informatics Pvt Ltd.

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SUMMARY

As a dedicated engineer who tries to learn more ideas. I wish to be employed in a responsible and challenging environment where my education and experience will have creative application, together with excellent prospects for constant knowledge up graduation and career progression.

PROFESSIONAL EXPERIENCE

GEOMEIO INFORMATICS PVT LTD.,MADURAI

IOT Engineer , Jun 2018 – present

- Comprehensive knowledge of the techniques for developing and designing Embedded firmware.
- Experience in Embedded software development with microcontrollers .
- Expertise in handling application development life - cycle involving requirement analysis, system study, designing, coding, de-bugging, testing & documentation using C /C++ on Linux & Windows.
- Development of IOT based platform on remote monitoring.

PROJECTS HANDLED

SMART HOME :

- This project aims to build the smart air conditioner which allows to control and monitor by using Smartphone and Tablet.
- It can be able to monitor the electric power consumption of the air conditioner and alerts the owners when the power consumption crosses the predetermined threshold value consumed.

Responsibilities :

- Engineered the tasks of evolving concept of new product and prepare guidelines of prototype testing.
- Facilitated multi-team collaboration and system integration.
- Validated the tasks of developing the firmware to the meet hardware requirements.
- Troubleshooting and delivering the best solution to solve highly critical embedded issues.

GEOMESH WITH MODULAR APPLICATION :

- GeoMesh is a wire-free modular, multi-radio wireless mesh router specially designed to provide connectivity in remote rural villages where alternative access either doesn't exist or is too expensive.
- The node has a powerful CPU/GPU which is capable of running block-chain powered decentralized offline applications.

Responsibilities :

- Participated in the full development cycle from design,testing,documentation,deploying and maintenance.
- Performed research on new software component and design compatibility.
- Involved in IOT (Internet of Things) development and used coordination and planning skills to achieve results according to schedule.

TECHNICAL SKILLS

- C(Programming Language), C++, Embedded C.
- Protocols : UART,I2C,SPI,MQTT
- Micro-controllers : NodeMCU,Esp 32,8051,Arduino.
- Microprocessors : Raspberry Pi.
- Tools : Arduino,Putty,Vim,AWS.
- Operating System : Linux,Windows.

EDUCATIONAL QUALIFICATIONS

- Completed B.E (ECE) at Paavai Engineering College, Namakkal.
- Completed HSC at Vailankanni Matric Higher Secondary School,Bargur.
- Completed SSLC at Sri Vijay Vidhyalaya Matric Higher Secondary School,Dharmapuri.

PERSONAL SKILLS

- Managed a 5-member cross-functional (product, engineering, sales, support) team and coordinated with business partners toward the successful launch of the product.
- Involved in Sustenance activity to solve the Bugs.
- Good interpersonal skills to maintain and develop effective working relationships with colleagues and vendors

PERSONAL PROFILE

FATHER NAME	: Rajendran V(Late)
MOTHER NAME	: Lakshmi M
DATE OF BIRTH	: 22/06/1992
GENDER	: Male
NATIONALITY	: Indian

DECLARATION

I hereby declare that the above mentioned particulars are true and correct to the best of my knowledge and belief.

Place :
Date :

Signature
Deepak kumar R