

REGULA AKHILA

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Summary:

An Enthusiastic engineering with strong ability to contribute ideas and learn new thing for betterment of organization. Looking forward to innovate new things which improve my growth and knowledge along with organization objective.

Educational Qualifications:

- **B. Tech (Electronics and Communication Engineering) – 7.1 (CGPA) 2020-2023**

Megha institute of engineering and technology for women

- **Diploma (Electronics and Communication Engineering) – 91%** 2017-2020

Jyothishmathi Institute of Technological Sciences, Karimnagar, Telangana

- **Secondary School Certificate – 8.7 (CGPA)** 2017

TS model school

Work Experience:

Designation July 2023-Oct 2023

Role: Qc Engineer

Company: Laxven Systems Pvt Ltd, Hyderabad.

I worked as a Qc engineer in testing the Quality control measures of the projects which our company (railway projects). I used to test the projects according to the standards the company follows by verifying the documentation of the equipment's.

Role: GO-AI Associate May 2024-Present

Company: Amazon pvt Ltd, Hyderabad.

As a ML data associate i required to watch the video of the stowing action at a fulfilment centre, understand it thoroughly and make best use of human judgement in combination with the tools and resources to indicate the activity captured in the video. I was expected to verify or mark the location of product through a tool while maintaining highest level of accuracy. This process helps in maintaining the fulfilment centre's stow quality. This is an operational role.

Projects:

Project 1: Industrial Fault Monitoring System Using IOT.

In this project we used to monitor the temperature and humidity by LM35 and MQ2 smoke sensor and taking the LPC2148 as the controller and monitoring them and updating to the things speak. I setting the setpoint for the temperature and humidity values and also updating the setpoints and storing in the eeprom and updating to the things speak through Wi-Fi module.

Project 2: Driver Drowsiness Alert System.

Drowsy driving is one of the major causes of road accidents and death. Hence, detection of driver's fatigue and its indication is an active research area. Therefore, in this study, a low-cost, real-time drivers drowsiness detection system is developed with acceptable accuracy. In the developed system, the level of drowsiness and mentioned alert buzzer which prevents that vehicle from accident and gives the alert signal to the driver.

Project 3: Iot Based Crop Protection System.

In this project, Implemented the project to protect the crops or agriculture during heavy rains from the water with the help of the domain of IOT. The crop takes the required quantity of water and not to damage the exceed quantity of water.

Certifications:

1. Certificate of IOT.
2. Certificate of PCB.

Skills:

Technical skills: c language, C++, embedded c, Data structure, SQL, Linux.

Tools: Arduino IDE, Keil uvision.

protocols: I2c, SPI, UART, CAN, TCPIP.

Personal details:

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|---------------|-----------------|
| Name | : Regula Akhila |
| Gender | : female |
| Address | : Hyderabad |
| Date of birth | : 26/06/2000 |
| City | : Hyderabad |
| Nationality | : Indian |
| Religion | : Hindu. |

I hereby declare that the above-mentioned information is correct up to my knowledge and I shall provide all the necessary documents in original when needed.

Place: Telangana

R. Akhila