Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- There are numerous available projects and solution for this problem. Among them using gas sensor near the map and alerting the industry workers is the working and best solutions in the market.

- In our solution we will place a sensor near the gas plants which will always monitor the gas plants which will constantly send data to the microcontroller.

- Incase if gas leak occurs the value measured by the gas sensor will exceed the threshold value and the controller will be coded to send a message to admin department, workers of that industry and Disaster Management Department of that particular area.

- This message alert will be done through the cloud services.

Solution Architecture Diagram: