

Kuldeep

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Objective

To seek the challenging position in the software industry that need dedication and enable me to work in the challenging position, leverage my current knowledge and fostering creativity with many learning opportunities.

Academic Details

Kurukshetra

B.tech, 66%, 2018

HBSE

Secondary education, 72.5%, 2014

HBSE

Primary education, 77%, 2012

Work Experience

Sensegrow technologies Pvt Ltd

Associate software engineer, Aug 2018 - till date

Role : Coordinate with R&D team to get the desired result.

Maintain the company product website with flask-python, html, bootstrap, sqlite.

Fix the bugs both in frontend and backend.

Made new feature in the app like to add setup wifi hotspot, ethernet with the help of wpasupplicant, hostapd, systemd-networkd, and dhcpcd.

Worked on scipy,numpy for FFT, or phase analysis of vibration signal.

Build alerts algorithm for web application.

Build fault categorisation algorithm for machinery.

build test cases.

Project Details

Router website

Gateway website over which the node data and network settings has been shown.

Period : 1.5 year Team Size: 3

Role : To provide the network settings like lan, wan with full stack responsibility. This router website is used for getting the data from node to store the data into the database after than data is send to the cloud from database.

Alert engine

Implementation of threshold alert engine, baseline alert engine, FFT of vibration signal, order analysis. The alert engine is implemented on scipy, numpy,matplotlib python library and with Cassandra database and Kafka.

Period : 6 months Team Size: 2

Role : Responsible for full functionality of alert engine.

Blog

I made this blog with the help of python-flask framework.

Period : 1 month Team Size: 1

Role : Backend as well as frontend

Field of Interest

coding

Designing

Skills

Python3

Flask ,Sqlalchemy, sql,wpa_suppllicant,django, hostapd, NetworkManager

Html, Bootstrap,CSS

Pycharm, Code composer studio, Eclipse, Jira, Bitbucket, GitHub, Git

Achievements

Earn console position at district level in essay writing competition.

Hackerrank python basic certificate

Curricular Activities

Extra-Curricular

working on blog application with the help of python and flask.

Strength

Ability to learn new technology quickly.

Strong attention to details, always looking for ways of finding the solution.

Declaration

I hereby declare that all the information contained in the resume is in accordance with facts or truth to my knowledge. I take fully responsibility for the correctness of the said information.

Place : Gurugram



(Kuldeep)