



ROHITH VEGESNA

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PROFESSIONAL SUMMARY

Software Developer with experience in coding, reviewing program functionality, establishing system improvements and testing for security precautions. Equally adept at developing software for desktop computers, cloud integrations, and mobile devices.

SKILLS

- Java
- NodeJS
- Html
- MySQL
- Angular
- Python
- JavaScript
- C
- React
- Php
- jQuery
- C++

EXPERIENCE

Software Developer Intern

June 2018 - Current

TCompliance | Irving, Texas, United States

- Built 20 GPS Devices
- Developed 15 sending API's and 3 receiving API's for website to interact with Lab Corp Lab
- Developed API's with JAVA spark framework.
- Surveyed stakeholders to conduct a thorough needs analysis of existing infrastructures.
- Altered, updated, and enhanced existing systems and applications after performing troubleshooting measures to determine the issue.
- Analyzed end user needs to provide service-level software development.

Software Engineer

May 2017 - April 2018

Revaalo | Bangalore, Karnataka, India

- Developed software for Smart Factory for over 200 IOT devices for factory automation for ABB Swedish-Swiss multinational corporation.
- Developed 50 automation scripts in Python for work bench automation.
- Developed code to control all the IOT gadgets from a server and force the insights and reports of every last IOT gadget.
- Developed an automated script for shutdown and reboot of 200 Smart Factory devices.
- Planned and designed a network for IOT devices and server.
- Designed and developed a database for the Smart Factory software.

NGCN Info Solutions PVT. | Bangalore, Karnataka, India

- Developed various websites for local clients of NGCN.
- Billing Software Developed a software solution for inventory management and billing for Volta Tech solutions PVT.
- Employee management HRM software.
- Developed a Human Resources Management software which takes care of employee attendance and leave applications and calculates and processes salary directly to employee account from company's account which runs automatically every month.
- Job posting and finding website.
- This website helps companies to post for the jobs and helps in hiring the employees it takes care of conduction online exams and resume management for the applications received this also helps the freelancers and employees to find out new opportunities available.

EDUCATION

Master of science July 2019
Southern Arkansas University, Magnolia, Arkansas

Bachelor of technology May 2017
GITAM University, Visakhapatnam, INDIA

PROJECT**Smart Factory for ABB:**

Purpose of Smart Factory to make plant Digitally Enabled and go Paper less. To achieve this around 200 thin-client stations with around Twenty gateways installed. Each of these should be independent, interacting with server as well as other associated stations to achieve objective of project.

Project consists of three broad modules, Visual, Production, Management. Visual Module focused more on video Sop's(Standard Operating Procedures), details for the operators, safety as well as maintenance notifications. Production modules mainly deals with Target, Quality of production, also Pushing work order details to each stations remotely. Management module focused on OEE, Skill level of the operators, TPT, other Management level indexes which are needed to run a factory.

- The smart production line can track, display operational performance parameters across the entire manufacturing chain in real time. Factory also consists of digital lifecycle management with interconnected automation components, machines as well as data about processes and products. Real-time feeds monitor entire manufacturing process.
- Remote access, wireless communication with Radio Frequency Identification Devices (RFID) manage production process, work orders, testing parameters.
- Designed a intranet network using Aruba by Cisco network access points and network switches.
- Developed a database using MYSQL to store data received from IOT devices.

COURSES

Computer Networks, Advanced Programming Concepts, Data Base Management Systems, Information & Networking Security, UNIX, Operating System, Web Programming, User Interface Implementation, Software Engineering, Data structures and Algorithms.