Suhas K S

M.tech CSE Ist Year IIIT-H ● Hyderabad ● +91-7660964913 ● ks.suhas355@gmail.com
● DOB: 14/11/90

Languages: C++, Java, C, Python, Shell Scripting, Java Script, Android

Worked Areas: HR Solutions in cloud, Data retrieval and mining, Database System implementation, Client – Server analysis simulator, Web2py , Selenium web driver , Test tool development and Automation

Education

M-Tech	In computer science from IIIT-H with **CGPA 9.20**
B-Tech	In Computer Science from S.J.C.E Mysore under V.T.U University Karnataka with **9.33. CGPA**.
12th	Govt. junior college Chikmagalur Karnataka with **88.16%**.
10th	S.S.R.D High school Chikmagalur Karnataka with **88%**.

Work Experience:

1. **SuccessFactors** (SAP)   June 2012 – July 2014
   - Worked as an in-house tool developer, UI Automation engineer .
   - Implemented internal tool 'Automated status report system'.
   - Worked on Selenium webdriver .

2. **Research Assistant**   July 2011 - May 2012
   - Worked under Dr. Anil Kumar KM for the research project 'Multimodal Opinion Mining'.
   - The project mainly concentrated on processing natural language, emoticons and short texts to determine the opinion expressed in the language.
   - Project involved collection of huge amount of opinion expressing data using which weightage of polar words were calculated.
   - Experiments were done to increase the machine learning capability in order to produce more accurate results for opinionated texts.

3. **IBM internship**   Jan 2011 to Dec 2012
   - This Project was done under "**Global mentoring program by *IBM*"** which concentrated on the extraction and analysis of resources in different servers and triggering the status and warning message to the administrator periodically.

Main Projects	1. **Wiki Search Engine:**

1. **Wiki Search Engine:**
Search engine was developed on latest wiki dump using Information extraction and retrieval method.
Scoring mechanism of documents was based on the combination of tf-idf method and Boolean intersection model.
Any search query was giving the relevant output in less than 0.5 seconds.

2. **Automated Status reporter:**
This was a reporter tool which automated the process of test report generation.
The data was fetched from Jira and testlink , reports and graphs were generated for these data.
The generated graph and report was used to form an Auto generated mail and sent across the team automatically on daily basis.

3. **Implementation of Unix Shell:**
Unix like shell was implemented supporting most of the external and internal commands such as ls, cat, redirections, pwd, history, cd, bang (!, !!, !+x. !-x) etc., along with their options.

4. **Online Quiz portal (web2py):**
This project was a portal for professors and students. Professors had a provision to upload their MCQ tests in the portal.
Students were able to take these tests.
Dynamic statistics was shown for students about their performance and professors about the number of students taken their tests.

5. **Generic IOT Platform**   (Raspberry pi, Mongo DB, node.js, android) –In progress
Project involves creation of platform between sensors and the end application.
The data from the sensors is collected by gateway (raspberry pi) and stored. The server pulls this data from registered gateway and stores in in database.
Based on the requirement the server sends sensor data to the end user application.
To test the platform A/C controller simulator will be built on top of this platform which receives the data and act accordingly.

Other Projects: SQL Engine, Whats my task (Android) in progress, KEB billing system using semaphores, Sudoku solver, Instance config compare tool.

Interests: Travelling, Playing guitar, Cycling, Table tennis, Trekking, Cooking

Achievements:
- Awarded as "Team player" and "Accountable" for the productive work in successfactors.
- Recognition certificate from IBM for successful completion of project with all satisfactory conditions.
- Awards for conducting technical workshops and sessions in various colleges.
- Seminar was given on Automation coding and other best practices.