

**Sowmya L Rao**  

Principal Engineer seeking assignments in Software Development,Application Programming,Program Management,Project Management,Requirement Gathering,System Analysis,Gap Analysis,SDLC,Python,Perl,C,Linux,DevOps Automation,Ansible,Shell Scripting

Current Designation: Principal Engineer -IT

Total Experience: 12 Year(s) 0 Month(s)

Current Company: Oracle

Highest Degree: B.Tech/B.E. [Computers]

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore,Australia,Canada

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Principal Engineer,Software Developer,Software Development,Application Programming,Program Management,Project Management,Requirement Gathering,System Analysis,Gap Analysis,SDLC,Python,Perl,C,Linux,DevOps Automation,Ansible,Shell Scripting

Verified : Phone Number | Email - id

Last Active: Jan-Mar 2021

Last Modified: Jan-Mar 2021

## Summary

Total Experience: 12.6 yrs into Python Programming,Perl,Shell ,C ,Linux ,DevOps Automation.

I am a competent and diligent IT professional, offering 12.6 years of experience in IT Industry including Software Engineering, Quality Management, DevOps and Project Management. I possess comprehensive knowledge of all phases of Software Development Life Cycle (SDLC) with a good understanding of System Study, Design, Client Interaction, Coordination, Development, and Implementation of Application Software. I am well versed in the end-to-end development of software products from requirement analysis to system study, designing, coding, testing, de-bugging, documentation & implementation.

Armed with strong techno-commercial acumen and significant devotion, I have been consistently exceeding performance benchmarks and steering my way forward towards resolving complex technical problems and meeting deadlines.

## Work Experience

**Oracle** as Principal Engineer -IT  
Sep 2018 to Till Date

Accountable for DevOPs Automation .

Currently Trained on Java script ,Oracle JET .

Working on Automation for Development Operations Requirements.

**Fidelity Information Services** as Technical Lead  
Nov 2016 to Sep 2018

Client Title- Senior Programmer Analyst

Description -

Accountable for requirements gathering from the client and preparing the requirement specifications documents of the module assigned.

Interact with the concerned teams for system study, requirements gathering, analysis and scoping; Identifying, analyze defects & in-consistencies in software program functions, outputs, online screens & content related to the DevOps project.

Worked on Platform Configuration Audit -> My contribution towards Middleware Audit Automation ,RHEL and Oracle Platform Audit Automation .

Owned the Audit Self Heal Automation and successfully delivered and implemented it covering certain percent of Failures

hit regarding Self Heal contributing towards it.  
Worked on Health Check Automation  
Currently Working on Middleware Automation ->Successfully delivered 2 modules .

**HP R&D** as Senior Software Engineer & Tech Lead  
Jul 2012 to May 2016

Accountable for requirements gathering from the client and preparing the requirement specifications documents of the module assigned.  
Worked as Technical Lead in Recent Project in HP and Actively Managed a Team of 7 Developers

Interact with the users for system study, requirements gathering, analysis and scoping; Identifying, analyze defects & inconsistencies in software program functions, outputs, online screens & content related to the project.  
Exposure in end-to-end development from requirement analysis to system study, designing, coding, testing and debugging  
Creating detailed design documents and unit test case documents of the module assigned.  
Understanding & analysis of client requirement, designing concept document of requirement; handling unit testing and defect fixing  
Provide direct support & development of the software applications/ tools, involving all phases of the software development life cycle (SDLC) for development functions related to large complex applications & software programs  
Develop scripts for nightly build and fix defects for the Ignite deployment project using HP-UX, PERL  
Develop scripts for HP-UX module "Virtprovider" using HP-UX, PERL, client level commands  
Develop the script for Directory Change notification (every file operation there is an inotify event). Develop the whole module using Perl Scripting  
Modify the inotify API (Inotify API can be used to monitor individual files, or to monitor directories) binaries C files and integrating with Qarun script  
Program for sequence file's operation and check return events  
Program to check that inotify work for a directory  
Modify the existing case insensitive scripts and fixed the code for the failures

Education

UG: **B.Tech/B.E. (Computers)** from **DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, BANGALORE** in **2007**

IT Skills

Skill Name	Version	Last Used	Experience
Perl, Python, DevOps			
Ansible, Unix, Linux, Kernel			
C, Java, Shell Scripting			

Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient			
HINDI	Proficient			
Kannada	Proficient			

Affirmative Action

Category: General  
Physically Challenged: No

Work Authorization

US Work Status: Authorized to Work in the US  
Job Type: Permanent  
Employment Status: Full time