

**Rahul C M V** 

Software Designer II seeking assignment in Software Development, Software Application Development, Project Management, Requirement Gathering, Stakeholder management, ETL operations, Core Java, Unix, Postgresql, Hbase, Vertica, Keycloak, OpenID Connect, OpenLDAP

Current Designation: Software Designer II

Total Experience: 5 Year(s) 1 Month(s)

Current Company: MICRO FOCUS SOFTWARE INDIA PVT. LTD

Notice Period: 2 Months

Current Location: Bengaluru / Bangalore

Highest Degree: PG Diploma [Computers]

Pref. Location: Bengaluru / Bangalore, United Kingdom (UK), United States (US)

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Designer II, Software Developer, Software Development, Software Application Development, Project Management, Requirement Gathering, Stakeholder management, ETL operations, Core Java, Unix, Postgresql, Hbase, Vertica, Keycloak, OpenID Connect, OpenLDAP

Verified : Phone Number | Email - id

Last Active: 18-Jan-21

Last Modified: 18-Jan-21

## Summary

JAVA DEVELOPER with around 5 years of extensive hands on experience of developing and deploying java based applications covering entire SDLC.

Ability to handle multiple tasks and work independently as well as a team with good communication and presentation skills. Perform code reviews and ensure that the developed code by team complies with best practices and standards without any side effects.

An experienced software developer passionate about delivering quality software products with thorough & rigorous testing and ample documentation.

## Work Experience

**MICRO FOCUS SOFTWARE INDIA PVT. LTD** as Software Designer II  
Dec 2018 to Till Date

Project and Responsibilities:

Connected-Mobility-Extended (CMX): One of the senior backend developers heavily involved in development, improvement, deployment and bug fixing of the CMX Product. Was involved in regular discussions with product owner and other stake holders to arrive at specific functionality.

Backend:

Was solely responsible for getting the backend code done for most of the product key features, and handling them through REST API's.

Tried to revamp and upgrade the older code bits with latest java 8 features like upgrading anonymous classes to use of lambda expressions in most of the cases, etc.

Properly handled all the exceptions and made sure all the product tools (EDT) throws exact and explicit error messages.

Database:

Involved in accommodating the new product features in the Postgres database by analyzing, designing schema and coming up with new tables and dependencies.

Wrote Stored Procedures in Postgresql, where major chunk of logic was held.

Had a chance to work Vertica database as well which is own MF Product, which we use it for reporting features.

Dealt with Hbase where all the backup metadata was stored.  
Used to perform ETL operations to transfer data from postgres to vertica or vice versa.  
Used Oozie Workflow Jobs for ETL which is scheduled as per Cron Expressions.

#### AWS Services:

Worked on AWS lambda functions where the handler functions would either be in java or python at times, and schedule them to run periodically.  
Analyzed and debugged most of the aws services logs using AWS CloudWatch.  
Did RDS or Postgresql upgrade from 9.4 to 11.4 successfully for CMX 4.8.3 release, which involved code changes in keycloak version and jdbc driver versions.  
Analyzed how bursttester runs on AWS Cluster and created a new package called nio-perftest for the performance testing of NIO connector(tomcat).

#### Configuration Management (DevOps):

Worked on having an option to easily switch between BIO & NIO connectors of tomcat.  
Worked with Chef, which stores all the configuration details.  
Regularly upgrade our aws environments to various versions using terraform and chef.  
Used to successfully merge the various code versions on all the repositories.

#### Scripting:

Learnt to create dockerfile and shell scripting in the process of making jmeter scripts run on multiple docker container instances.  
ECS script file which runs the docker containers parallely based on the input given.  
Wrote many SQL scripts and stored procedures for policy tables in postgres admin\_db.  
Involved in Ruby Scripting for creating chef recipes.

#### Frontend and Security:

At times had an opportunity to work end to end for a feature, where I was exposed to product's frontend as well which is written in AngularJS.  
Used to verify all web changes with fake api that we have.  
Worked on keycloak which allows single sign-on with Identity Management and Access Management at all our applications, tools and services

#### Dev Testing and Bug Fixes:

Wrote proper unit and integration tests to validate and make sure the feature works fine.  
Analyzed how NIO connector could be replaced in place of BIO connector in tomcat for better performances by comparing results with BIO on Jmeter.  
Always used to focus on the end-to-end testing of the feature.  
Fixed most of the bugs and addressed all the security vulnerabilities in the Export Data Tool, Import Users Tool and CMX overall.

#### Version Control (GIT) and Documentation:

Well versed in GIT, where I made sure to follow proper version control by creating branches, stashing, resolving merge conflicts, addressing all the PR comments properly.  
Have a practice of documenting everything I work on, in confluence pages with proper descriptions, examples, sample requests and responses.

### **TOSHIBA SOFTWARE INDIA PVT. LTD** as Software Engineer-IT Application

Aug 2015 to Nov 2018

Team: Elevator

Projects and Responsibilities:

Elevator Viewer Application: Implemented few new features slider etc on the GUI in which we can find all generic information for the already existing elevator viewer application with new UI changes to make it more user friendly.  
Destination Control System GUI Tool: Did whole designing of the UI using Java Swings and added lot of features like project generation and its maintenance.  
Elevator Maintenance Software Tool: Worked on the development of maintenance tool for communication with Linux based DCA system without using any 3rd party software and to make platform independent which can work on any kind of OS.  
Image Sensor Project: Designed the GUI and developed a new tool for the KIZUNA board according to the requirement given by the TISS.  
lead a team of 2 developers & helping them to gain the knowledge about the technology stack required for our tools

## Education

UG: **B.Tech/B.E. (Computers)** from **Dept. of ISE, University Visvesvaraya College of Engineering** in **2015**

PG: **PG Diploma (Computers)** from **University Vishveshvaraya College of Engineering (UVCE)** in **2015**

## IT Skills

Skill Name	Version	Last Used	Experience
Core Java, Unix, HCL and Basic Ruby			
EC2, S3, ECR, CodeCommit,			
Windows Family, Linux, MacOS and CentOS			
REST APIs and HTML			
Intellij, Eclipse, NetBeans			
Postgresql, Hbase, and Vertica			
Keycloak, OpenID Connect and OpenLDAP			
Terraform and Chef			0 Year(s) 0 Month(s)
Git, JIRA and Jenkins			0 Year(s) 0 Month(s)
Maven, Tomcat, Docker, Visual Studio,		2018	3 Year(s) 2 Month(s)
Postman and JMeter		2019	1 Year(s) 0 Month(s)
Data Structures, Computer Networks		2019	1 Year(s) 0 Month(s)
XML, CSV and JSON		2019	1 Year(s) 0 Month(s)
Agile and Waterfall		2019	1 Year(s) 0 Month(s)
Outlook, Word, Excel, PowerPoint			
MS ACCESS			
Swings, JavaFX, OOPS			
Java Spring and MVC Framework			

## Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi				
Kannada				
Telugu				

## Affirmative Action

Physically Challenged: No

## Work Authorization

Job Type: Permanent

Employment Status: Full time