



April 03, 2020

Department of Homeland Security
US Citizenship and Immigration Services

Dear Sir or Madam:

Wipro and Mastercard International have entered into an engagement on projects as specified in our Mastercard Professional Services Agreement (MPSA).

Pursuant to this engagement, the services of Wipro employee **Mr. Sankara Sarma Akella, Programmer Analyst**, is required on a temporary basis, at our client office located at **2200, Mastercard Boulevard, O'Fallon, Missouri 63368**.

Mr. Sankara Sarma Akella will be working on Mastercard's Decision Management Platform (DMP). The project work involves attending Requirements Gathering, developing the High level design, Detail design, development, and testing. The project requires coordination with the Subject Matter Experts based in the U.S. and with the Wipro offshore team towards completing assigned tasks.

Specific responsibilities of **Mr. Sankara Sarma Akella** will include

- Design acceptance tests, test automation development and execution and production supporting the applications such as Business Rule Management System (BRMS), Decision Management Platform (DMP), The Fraud Center (TFC), Issuer Security Solutions (ISS) and Transaction Disposition Warehouse (TDW).
- Identify the areas for the automation using leading industry technologies like Java, Spring, Spring Boot, SQL, PL/ SQL, Selenium, Rest Assured, Junit, TestNG, Restful Webservices, Oracle and Groovy.
- Involve in Peer to Peer code review process of team members and point out any better ways to leverage the code or any potential code errors using Devops Bitbucket.
- Perform configuration, integration, and automation using DevOps tools like Jenkins/ Chef/ Docker and work closely with DevOps team to help them to configure test automation pipelines.
- Identify the areas for the performance monitoring and implement using the latest technologies like Splunk and Dynatrace.
- Using Pivotal Gemfire which is a no SQL based cloud databases when a module requires high transaction of data and for ease of transactions into the Gemfire database.

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- Develop stored procedures/ DDL/ DML for Oracle 12c databases using Toad and SQL Developer tool.
- Experience on IBM Operation decision manager (ODM) tool to create iLog rules for Rule team server and Rule Execution server applications.
- Involve in The Fraud Center application (TFC) requirement gathering and interacting with Business Analysts and System Analysts and understanding the gaps and Identifying solutions to overcome the gaps identified and documenting them in the Confluence and ALM.
- Contribute to the requirement gathering, defect tracking, test case tracking using ALM Rally Tool.
- Participating and contributing in brown bag knowledge sharing session with onsite and offshore teams.
- Deploy the code manually to Development/Test environments if needed using Putty and WinSCP tools.
- Generate and report metrics from the SonarQube server and discuss with team on how the code can be improved further and ensure minimum 90% of code quality is always met.
- Identifying the security vulnerabilities using Fortify Source Code Analyzer.
- Work with the applications subject matter experts to resolve complex design/code issue of the existing application in production when required.
- Provide solutions/ help in design and development of the new products using Confluence and Sniffy UML tool.
- Experience in cross browser validation of the fraud center application using Browser Stack.
- Experience in development of Jenkins Pipeline using Groovy scripting language.

The project will be executed using the following:

Operating Systems: Windows, Oracle Linux, RHEL and UNIX - based on physical and cloud based virtual machines

Automation testing libraries: Java, Selenium WebDriver, RestAssured REST API testing, TestNG framework, Java Persistence API, IBM Websphere MQ, IBM ODM, Gemfire, Rally REST API, Browserstack Automate

CI/CD setup: Maven, Jenkins 2, Sonarqube, Docker

Other tools and applications: JDK, WinSCP, PuTTY, Toad for Oracle, Rally, Eclipse IDE, Bitbucket Git repository, Selenium Grid, Browserstack, Fortify, Putty, WinSCP, Rally, Splunk, Dynatrace

We anticipate the requirement for the services of **Mr. Sankara Sarma Akella** until **August 2022**.

During the tenure of assignment, **Mr. Sankara Sarma Akella** will report to **Mr. Ruban Stalin Prabahar Isaac, Project Manager, Wipro Limited**. Wipro will retain complete employment

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control of him including project assignment, performance assessment and role assignment. Wipro will be solely responsible of payment of salaries, administration of benefits and payment of taxes on behalf of **Mr. Sankara Sarma Akella**.

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Sincerely,

Ruban Stalin Prabahar Isaac
Project Manager
ruban.isaac@wipro.com

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