**Monthly Status Report**

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| **Employee Name:** | MANOJ KUMAR YEKOLLU |
| **Designation/Role:** | FULL STACK DEVELOPER III |
| **Status Report Period:** | OCT 01 TO OCT 30 2019 |
| **Client Name:** | CENTURYLINK |
| **Client Address:** | 700 WEST MINERAL AVENUE , LITTLETON, CO, 80120. |
| **Current Address:** | 8367 STONY BRIDGE CIR, HIGHLANDS RANCH, CO, 80126. |
| **Project Status** | Ongoing |
| **Working Email ID** | [Ymanojkumar.se@gmail.com](mailto:Ymanojkumar.se@gmail.com) [Personal]  [Manoj.kumar4@centurylink.com](mailto:Manoj.kumar4@centurylink.com) [work] |

**Project Description:-**

Hyperion is a ***comprehensive, automated, multi-tenant platform***that enables a team to develop, deploy and discover Java-based RESTful micro-services in minutes, not months. It provides all the components needed to quickly and easily develop micro-services in a test environment, and is fronted with a quick and easy intake process.

*Code Generation Templates & Tools*

Accepts [Swagger](https://swagger.io/) and generates [Spring Boot](https://spring.io/) templates, plus [Microsoft .Net Core](https://docs.microsoft.com/en-us/dotnet/core/).

*Source Code Repository*

Auto-generates [GitLab](https://ne1itcprhas62.ne1.savvis.net/) and GitHub Projects based on Users Choice.

*CI/CD Pipeline*

Features GitLab CI, [Go CD](https://www.gocd.org/), [Jenkins](https://jenkins.io/) (with [JACOCO](http://www.jacoco.org/) and [SonarQube](https://www.sonarqube.org/)), [ITCDM](http://itcdm.level3.com/), [Nexus](https://www.sonatype.com/nexus-repository-software-component-management) repository and [Docker](https://www.docker.com/) build environments​

***Cloud Computing***

Auto-provisions project space in [Kubernetes](http://api-coe-dev1.kubeodc.corp.intranet/blog/2019/01/28/advanced-kubernetes-training/) ([Omaha](https://kubeodc01-test.corp.intranet:6443/) or [Marion](https://kubemdc01-prod.corp.intranet:6443/) datacenters) with SQL [MSQL]and NoSQL [Mongo DB]database options.

*Runtime Services*

Integrates of [Netflix OSS](https://netflix.github.io/) components [Hystrix](https://github.com/Netflix/Hystrix), [Eureka](https://github.com/Netflix/eureka) & [Zuul](https://github.com/Netflix/zuul), as well as [Splunk](https://www.splunk.com/) logging, [Kafka](https://kafka.apache.org/) and [Zipkin](https://zipkin.io/)

**Duties & Responsibilities:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Tasks** | **No. of Hours** |
| **Oct 01 2019 to Oct 05 2019** | * **Kanban Training** * **GitHub Feature Demo to Platform Enablement Teams** * **GitHub Feature UI Integration Discussions** * **Kanban Training** * **GitHub Feature Demo to Platform Enablement Teams** * **Completed the Github WebHook to Trigger CI/CD Push Task.** | **24** |
| **Oct 06 2019 to Oct 12 2019** | * **Continuation to the GitHub Feature UI Integration Discussion** * **GitHub Feature Demo to the Test Team** * **Deploy Project in Non Production Namespace For Hyperion** * **Worked on the Junit for Both Hyperion-Github and Hyperion-Common Projects.** | **40** |
| **Oct 13 2019 to Oct 19 2019** | * **Ensure the Testing environments are editable.** * **Update the properties file in all environments base on the environment specific values.** * **Update the Hyperion-CICD project for adding the config token** * **Update the webhook based on the Github teams suggestion.** | **40** |
| **Oct 20 2019 to Oct 26 2019** | * **Deploy Keys In Github** * **Research on Deploy keys and developed an API for it.** * **Junit Update – Research on How to write Junit for POST methods.** | **40** |
| **Oct 27 2019 to Oct 31 2019** | * **GitHub ERROR for ITCDM flow.** * **Worked on resolving this defect.** * **Decided to handle this in Hyperion-CICD project instead of Hyperion-Github project to avoid to many calls and complexity.** * **Update the Hyperion-CICD project for ITCDM flow.** * **Updated the Github WebHook to Trigger CI/CD Push Task.** | **32** |
|  | Total | 176 |

**Supervisor Details:**

Krishna Bodduluri

CEO

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