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| **Job Duties**  **Systems Admin** | **Approximate % Time** | **Explain how this is a ROUTINE TASK that requires LIMITED exercise of judgment.** | **Explain how this task is closely MONITORED and REVIEWED for accuracy by the employer.** |
| * **Duty:** Setup and maintain Software Build systems such as Jenkins, Maven/Nexus, Gulp, Grunt, Ant, Bower, etc.; | 15% | Every day a developer or test automation engineer write the code, it need to built to deploy or to run the tests. Also projects involved applications for web, mobile and databases and all of them need build systems to be setup and maintained every day | Weekly status reports from employee.  Customer feedback about employee. |
| * **Duty:** Work on deploy systems such as Puppet, Chef, and provide knowledge of Source Code Control Systems/Maintenance (SCM) of source code repositories, GIT; | 20%% | Every bit of code developed and built need to be deployed to QA or Staging or Production servers for either testing or real use purpose. As the application features added, the deployment process will change and they need to be updated almost on daily basis. | Weekly status reports from employee.  Customer feedback about employee. |
| * **Duty:** Develop scripts with a variety of scripting languages for automating tasks, generating reports, and creating tools (e.g. Go, Java, Python, Perl, Shell); | 30% | Script development is a way of performing and automating every task of a system admin. With out scripting, trying to do manual admin actions won’t scale. Build tools, deployment tools, Continuous Integration systems, process automation tools and all of them need scripting. | Weekly status reports from employee.  Customer feedback about employee. |
| * **Duty:** Setup continuous integration and delivery model of continuous testing and deploying software; | 15% | To bring efficiency into software development, it is essential to build, test and deploy the code as soon as it is developed. All this can be achieved using continuous integration and delivery systems only. | Weekly status reports from employee.  Customer feedback about employee. |
| * **Duty:** Develop and setup tools to automate software development lifecycle including code profiling, regression testing, continuous integration, and push button deployments. | 20% | Software development is a complex engineering task and it uses advanced tools to make the development easy, high quality, reliable. | Weekly status reports from employee.  Customer feedback about employee. |