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* Serve as part of a team of software engineers engaged in development of large scale projects working in a distributed environment under the direct supervision of more senior engineering staff
  + Designed and developed the end to end Joco tool and provide single point of contact for enhancement and customization based on the client requirement.
  + Developed a front end application which enable developers to perform code integration between mainframe to several devops tools. This solution is leveraged and getting implemented for several clients.
  + Developed FIT tool (File transfer tool) which facilitates users to send files to various distributed system and it can accept the input through web browser /Mainframe panel.
  + Setting up connect direct nodes on various distributed platforms like tandem, Windows, linux, UNIX, Mainframe.

After setting up the nodes, we would update the configuration files and authorizations setup. Provide solutions to unique setups on IBM Sterling File Gateway and Message Way, working with clients and internal App team​

* Conduct basic component level work estimation and assist in project plan development, execution and change control
  + Preparation of project estimation using Functional Point Method once the requirement document received from the clients.
  + Will be discussing various key components with all stake holders and right after that baselining the scope through various calls and documents, Defining roles and responsibility, updating project plan, Functional design document on regular basis such as milestone date, escalation and timely communication with the stake holders
  + Extensive implementation plan will be drafted upon involving all the stake holders and finalize the installation dates, backout plans and prerequisites. During the installation a bridge will be opened and the progress details will be shared and post implementation one round of dummy testing will be done on prod with all the approvals from the stake holders.
* Conduct basic component level systems design and development
  + Based on the requirement we will be providing multiple functional specs to the stakeholders.
  + The functional specs are classified based on the functionality, complexity by keeping an eye on its future reusability, feasibility check and maintenance and will be reviewed, approved by stake holders.
  + Identifying various key technical elements required and will start building the application.
* Develop prototypes and frameworks to contribute to overall technical solution
  + Sample representation of panel/browser page of the tool, application and technical skill set involved to develop will be updated.
  + Python framework will be used to pull the data from a remote repository, converted into JSON followed by COBOL conversion and delta comparison on mainframe endevor.
  + Python framework will be used pull the details from the change request and the package name will be validated followed by implementation of the changes.
  + Identifying the right protocols for the clients based on their requirement followed by onboarding them on sterling file gateway, Integrator, Messageway and mainframe.
* Conduct unit and integration testing, including development of test models
  + We will provide the unit test plan and testcase document along with technical design spec to the stake holders Once functional spec document is approved by them.
  + We will start testing to capture the actual results once unit test plan, testcase and technical design approved by them.
  + Setting up an walkthrough with impacted stake holders and followed by that integration testing will be conducted with other impacted teams.
  + Communicates directly with client, testing of files, researching file failures and advanced problem identification and resolution.​
  + Conducting testing call involving all the stake holders(App /Tranmission /Clients/Network/System engineering team)
* Conduct manual or automated testing of software developed before delivery to QA
  + Framing extensive testing with test cases of positive and negative scenarios
  + Setup steps for Messageway using SFTP/FTPS, SSH/SSL in test.
  + Creating scripts to capture the customer data and masking the important fields for testing
  + Verifying the checklist with the deliverable to make sure all the configurations are in place to avoid failures in QA.
* Fix bugs reported by QA for the software developed.
  + Responsible for setting up and analyzing the transmission failures, abends, issues with product developed and resolving issue with client in lead capacity ​
  + Bugs will be reported through JIRA tool and will be making necessary changes followed by a unit testing and promote the code for QA team testing. Complete bug cycle will be tracked in JIRA.
  + The code change made for bug should be updated in the design document and must be approved by the stake holders.
  + For Critical bugs bridge call will be established and I will be taking a lead to fix it ASAP.