**GUNDEDI PRANAYA REDDY**

**SOFTWARE DEVELOPER**

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**PROFESSIONAL SUMMARY:**

An enthusiastic technically competent IT professional with 2+ years of experience with complete understanding of entire software development lifecycle. Also good at understanding the business problem and finding effective solutions for it and code accordingly. An effective team player who continuously seeks opportunities to master new domains and technologies and work where I can utilize my programming skills, logical ability and creativity involved with system that effectively contributes to the growth of the organization.

**TECHNICAL SKILLS:**

* Python
* Flask
* SQL
* Scala
* Spark
* Angular
* Bitbucket
* Jira
* Java

**WORK EXPERIENCE:**

**Organization** :

* Virtusa

**Experience**:

* 2+ years

**Domain**:

* Banking

**Technologies and Tools used**:

* Python, Flask, Scala, Spark, Hadoop, Oracle DB, Angular, Bitbucket, Jira, Intellij idea, Visual Studio Code, Devops(Jenkins,Sonarqube,RLM).

**Project Description**:

* Our project is to do data analysis and data quality check by comparing files of different formats which come from production and UAT which prior undergoes pre processing(data cleaning, data transformation) and then undergoes the program logic to generate the errors/differences and finally visualize them on UI.
* Starting with,user gives the metadata information from UI (developed using Angular)and it stored in Oracle DB.
* The metadata is stored and maintained by Python code. Flask is used as a rest API to send/receive calls from/to backend from/to frontend.
* Batch Process application(developed in Scala/spark) is triggered by an autosys job every 1 hour.
* Batch Process uses the file pattern mentioned in the metadata to get the files from HDFS.
* HDFS files are then picked by Diff Engine(developed in Scal/Spark) which does file processing and comparison and write the differences to DB.
* Diff Engine is a jar which is placed in Batch Process Application which is launched using calling Spark Launcher.
* The information stored in DB will be displayed on UI based on user's need.

**Project Role**:

* I worked as a full stack developer.
* Wrote Python/Scala code using Intellij idea IDE as platform and used bitbucket as version control tool to maintain the code.
* Authored code fixes and enhancements for inclusion in future code releases and patches.
* Documented all software development methodologies in technical manuals to be used by developers in future projects.
* Reduced manual effort in software processes by applying automation techniques like cron job which triggers the application by running commands/scripts,later again replaced it by autosys job which is more efficient than cron job
* Managed development milestones from initial steps through final delivery.
* Reviewed code, debugged problems and corrected issues.
* Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
* Coordinated with developers in the team to evaluate and improve software code quality.
* Adjusted design parameters to boost performance and incorporate new features.
* Gathered and defined customer requirements to develop clear specifications for project plans.
* Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
* Delivered performance-driven and user-centric websites that met all business requirements.
* Took initial concepts and developed project plans.
* Built, tested and deployed scalable, highly available and modular software products.

**ACADEMICS:**

* Graduated with Bachelor's of Technology degree with specialization in Computer Science and Engineering in 2018 at Sri Indu Institute Of Engineering and Technology, Hyderabad affiliated to Jawaharlal Nehru Technological University,Hyderabad.

**ACHIEVEMENTS & CERTIFICATIONS:**

* Certified in AWS Solutions Architect Associate.

**OTHER SKILLS:**

* Adaptive to the new environment and technologies
* Independent
* Take lead
* Analytical and forward thinking
* Clear Communication

**LANGUAGES:**

* English, Telugu, Hindi

**INTERESTS:**

* Reading books, watching interviews, watching movies, listening to music, watching standup comedy shows