**Work Profile**

**Name: - Krishna M Rao**

BTech

***Skillsets / Expertise***

Total Work Experience (Yrs) : 4

1. Skills / Experience / Exposure
2. Analysis, design, development, documentation, implementing and testing of software systems
3. Java 8
4. RDBMS
5. Algorithms / Data Structures
6. Springboot / Hibernate
7. Jpa / SQL / HMTL / JSP / CSS / JavaScript
8. JQuery / Ajax
9. ANTLR (PARSER GENERATOR)
10. REST Services
11. MAVEN, GRADLE
12. Experience / Exposure
13. Achievements

***Work Experience***

1. **Project: - Galaxy**

My responsibilities including Tech Used: -

* + 1. Design database schema using ER model
    2. Implement the designed schema using SPRING DATA JPA backed by HIBERNATE implementation
    3. Design and develop data centric and service oriented applications using SPRING BOOT
    4. Write unit tests using JUNIT 5
    5. Assess the performance using JMETER
    6. Document the rest APIs using SWAGGER
    7. Expose the APIs to the front end to consume
    8. Develop user interfaces using JSP , CSS , JAVASCRIPT , JQUERY ,BOOTSTRAP
    9. Develop parsers using ANTLR for various language
    10. Use PMD and Sonar Cube to assess the code design and quality
    11. Adhering to fundamental coding principles
  1. modularity
  2. efficiency
  3. functionality
  4. readability
  5. maintainability

1. **Project: - Excelsior**

My responsibilities including Tech Used: -

1. Design database schema using ER model
2. Implement the designed schema using SPRING DATA JPA backed by HIBERNATE implementation
3. Design and develop data centric and service oriented applications using SPRINGBOOT
4. Secure the REST APIs developed using OAUTH 2.0 security framework backed by JBOSS KEYCLOAK SSO
5. Write unit tests using JUNIT
6. Assess the performance using JMETER
7. Document the rest APIs using SWAGGER
8. Expose the APIs to the front end to consume
9. Peer code reviews
10. **Project: - TCS**

My responsibilities including Tech Used: -

1. Merging the code from dev branch to release branch
2. Merging the code from release branch to master branch
3. Deploying the code in various environments like ST, UAT, PROD
4. SQL development

***Personal Info***

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