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|  | **Ram Ganesh H**  **Associate Software Engineer** |  | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | |  |

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| **PROFESSIONAL SUMMARY**  I am currently working at TestYantra Software Solution as an Associate Software Engineer. A goal-oriented and a highly creative individual, seeking a challenging role to enhance the company’s growth as well as expand my knowledge to enhance my performance on technical innovation.  **WORK EXPERIENCE**  **Test Yantra Software Solution**- *Associate Software Engineer* Bengaluru,Karnataka.  **13 December 2020 – Current (2 years 9 months)**  **PROJECT DETAILS :**  ***Project: 1.*** ESQA **Client:** General Electric Company Genpact  **Designation:** Consultant  **Team Size:** 8  **Environment Platform:** Windows 10  **Technologies:** Spring boot, Core Java 1.11  **Database:** MySQL  **IDE:** Eclipse  **Description:** ESQA Application for managing Product Qualification(PQ), Supplier Surveillance(SS) and ISO document processes for all of GAS Power businesses. This is intended to support global sourcing activities. Both internal and external users will have access to their designated application.  **Responsibilities: -**  • Implemented POJO based domain model integrated with JPA ORM for persistence Aggregation of data based on the summarized data.  • Implemented REST Micro-services using spring boot. Generated Metrics with method level granularity and Persistence using Spring Actuator  • Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.  ***Project: 2. Learning Management System (LMS) – Web Application***  **Project Description:-**  The application is a learning management system (LMS) that automates the learning and mentoring process. It manages batches, mentors, attendance, employee details, schedules mock exams, tracks employee performance, and provides feedback on mock results. It aims to streamline the learning process by providing a centralized platform for efficient management and tracking of employee progress. Overall, the LMS offers a range of functionalities to support the learning and mentoring process, making it easier to manage and track employee progress while also providing valuable |  | insights and feedback to learners.  ***Roles and Responsibilities:***  As a Backend Developer, I was involved in   * Understanding the Architecture of the project. * Developing REST API using Spring Boot with Data JPA. * Following Coding and naming convention. * Writing J-Unit Test cases for service layer, controller layer and DTO layer. * Developing APIs for the employees to optimize their workflow and increase their efficiency.   **TECHNICAL SKILLS :-**  ● Languages: Java 1.8, SQL  ● Frameworks- Back End: Hibernate 5 with JPA, Spring (Core, MVC, REST), Spring Boot, Spring Data JPA Feature.  ● Design Patterns: Singleton, MVC, Factory, DTO, DAO.  ● RDBMS Applications: MySQL 8.0.30 .  ● Logging API: Log4j, Slf4j.  ● Unit Testing: Junit5 with Mockito.  ● API Documentation: Swagger API, Postman.  ● Code Quality Tools: Sonar Lint, SonarQube.  ● Web Servers: Apache Tomcat.  ● Version Control System: Git.  ● Build Automation Tool: Maven.  ● Other Tools: Eclipse, Spring Tool Suite, IntelliJ, Visual Studio Code, SQL Plus, MySQL Workbench.  ● J2EE Technologies: Servlet, JSP and JDBC.  ● Software Development Processes (SDLC): Agile Methodology. |
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