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TO WHOM IT MAY CONCERN

Sub: Employment Information as per our records

Employee Name : Ms .Nivetha V
Employee Id : 760944
Designation : Jr R2 Engineer
Date of Joining : 25 June 2019
Date Of Relieving : 27 August 2021
Role Description :

Ms. Nivetha V has been associated with the project and has been involved in providing IT services like Fullstack developement, analysis and script design, SoftwareDevelopment and optimising Performance of Application. Ms. Nivetha V has grown and played different roles in the project to meet the Client requirement and applications in the project as a Performance Analyst to fix the performance issues and to improve the Customer satisfaction by taking part in driving various organizational activities.

Ms. Nivetha V roles in the project have been summarized below and detailed out in the coming sections:

Purpose of the Role: This role belongs to the **Engineering** role track and contributes towards the community charter of delivering. Key responsibility areas of this role are:

- Understand customer application requirement for development in both front and backend, performance, scalability, resilience and reliability requirements
- Develop capabilities in performance monitoring of various tiers, log analysis and application performance analysis.
- Implement the quick fix recommendations, develop script to enable automation.

Areas of Responsibilities:

- Worked in developing business logic at backend and UI creation at front end.
- NFR and SLx Management: Collect NonFunctional Requirement (NFR) for the application / release.
- Validation: Involve in performance/load simulation along with chaos engineering activities to meet defined reliability targets.
- Monitoring and Observability: Gather monitoring metrics and logs from target test or production environment during load simulation or realtime load for analysis.

TECHNICAL SKILLS

Primary Languages: Java, C Basics, Angular 2+.

Secondary Skill Set: FSD[Angular2+ (Frontend), Spring Boot Framework (Backend), MongoDB]

Databases: SQL, MongoDB.

Development Tools: Eclipse IDE, Visual studio Code Editor

Documentation Tools: Microsoft Office Tools Tools: JProfiler, Apache Jmeter, JVisualVM

PROJECT OVERVIEW

Project 1

Role: FullStack Developer

Technology: Java, Spring, Angular2+, Mongoddb

Role Description:

- Worked as a Full Stack Developer in a development phase of Performance Tool Web Application
- Tech stack Used:
 - Angular(front end)
 - Java(back end)
 - mongoDB
- Developed UI Screens using Angular 2+ and wrote services using REST API on Java for back end using Spring Boot

- Responsible for implementing business logics for server side functionality and supported API

Project 2

Role: Performance Engineer

Technology: Angular, Spring Boot, Oracle 11g, IBM WAS Server.

Role Description:

- She is been responsible on 3 B2C applications reliability and availability.
- She is responsible for finding the latency point of application and filter out the responsible services or API which are slowing down the application.
- She has been doing code profiling to identify the bottlenecks in services those which are having high response times and based on the analysis and observations, she has been giving recommendation to the developer team to improve the services performance.
- Whenever performance issue arises in production environments, she is responsible for doing below activities, Need to analyze server CPU and Memory utilization, heap dump logs and thread logs using the IBM heap dump analyzer, thread analyzer.
- Able to identify the findings in the analyzer pattern. Based on the findings should provide the solutions to resolve the issue.
- Able to provide the root cause findings report. Post fix, is the issue crept up again, the solution provided should be revisited.
- Post complete fix, on a daily basis, the logs should be analyzed.

Project 3

Role: Performance Engineer

Technology: Java,c++, Oracle 11g, Teamcenter

Role Description:

- Worked parallelly in both development phase and optimization of the application
- Developed Performance Logging Utility for Application Monitoring for desktop application.
- Tech stack Used:
 - Java(Front end) in Teamcenter
 - C++(Back end)
- Provided recommendation for each transaction for improvisation of response time and also for good performance

Thanking you,
Yours Faithfully,

For **Cognizant Technology Solutions India Private Ltd.,**



Pravin Mathiyalagan Kumar
Associate Director - HR



03 September, 2021

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