Cognizant Technology Solutions India Private Ltd.
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Okkiyam Thoraipakkam, Chennai – 600 097.
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TO WHOM IT MAY CONCERN

Sub: Employment Information as per our records

Employee Name	: **Mr .Vignesh Arvin G**
Employee Id	: **761024**
Designation	: **Jr R2 Engineer**
Date of Joining	: **28 May 2019**
Date Of Relieving	: **14 June 2021**
Role Description	:

Mr. G. Vignesh Arvin has been associated with the project and has been involved in providing IT services like analysis and script design, Software Development and Application support. Mr. G. Vignesh Arvin 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.

Mr. G. Vignesh Arvin 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 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:

- *NFR and SLx Management*: Collect Non-Functional Requirement (NFR) for the application / release.
- *Validation*: Involve in performance/load simulation along with chaos engineering activities to meet defined reliability targets.
- *Implementation*: Support script development to automate for toil reduction.
- *Monitoring and Observability*: Gather monitoring metrics and logs from target test or production environment during load simulation or real-time load for analysis.

TECHNICAL SKILLS

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

Secondary Skill Set: FSD[Angular2+ (Front-end), Spring Boot Framework (Back-end), 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: Performance Tester

Technology: Java, Apache Tomcat Server

Role Description:

- He is responsible for deriving work load mix from access log analysis.
- He is responsible for creating Jmeter script based on the work load mix.
- He is responsible for executing the performance test in both Test and Production environment after each deployment on sprint basis.
- He has prepared performance test report and shared it with the team to present it to the customer about application performance after each deployment.

- He is responsible for monitoring the application servers CPU and Memory while the performance test running.

Project 2

Role: Performance Engineer

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

Role Description:

- He is been responsible on 3 B2C applications reliability and availability.
- He is responsible for finding the latency point of application and filter out the responsible services or API which are slowing down the application.
- He 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, he has been giving recommendation to the developer team to improve the services performance.
- Whenever performance issue arises in production environments, he 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 creeped up again, the solution provided should be revisited.
- Post complete fix, on a daily basis, the logs should be analyzed.

Thanking you,
Yours Faithfully,
For **Cognizant Technology Solutions India Private Ltd.,**

Pravin Mathiyalagan Kumar
Associate Director - HR

15 June, 2021

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