**TO WHOMSOEVER IT MAY CONCERN**

This letter serves to confirm the employment of Mr. Surya Dev Singh at Imperio Global Pvt. Ltd. from 01/01/2000 to 01/01/2000, in the esteemed position of **Software Engineer**. Throughout his tenure, Mr. Singh exhibited unwavering dedication and maintained a consistently high level of professionalism.

In his part-time role as a Software Engineer, Mr. Singh committed 34 hours per week to his responsibilities, demonstrating a steadfast commitment to excellence.

His specific duties and responsibilities included:

1. Perform system analysis to identify anomalies or threats, ensuring a proactive approach to security incidents.
2. Engage in encryption and decryption activities to enhance data security measures.
3. Identify and mitigate risks affecting the performance and security throughout the product lifecycle.
4. Collect and analyze operational metrics to assess system performance.
5. Utilize SQL for data extraction, manipulation, transformation, analysis, reporting, and integration.
6. Design and implement data pipelines, manage data transformations, and perform ETL jobs.
7. Use Scala for developing high-performance data processing applications.
8. Build distributed data processing pipelines using Spark, implement machine learning algorithms, and analyze big datasets using functional programming features.
9. Apply Python for data cleaning and preparation, data analysis, and machine learning model development.
10. Utilize Apache Airflow for automating and managing data pipeline and workflow.
11. Define dependencies between data processing tasks, monitor the health and performance of data pipelines, and ensure data availability and consistency.
12. Utilize Python libraries like Matplotlib and Seaborn for creating data visualizations and dashboards.
13. Provide advice, guidance, and expertise in developing proposals and strategies for software design activities.

This certification is issued in good faith to acknowledge and affirm Mr. Surya Dev Singh's substantial contributions during his part-time tenure with Imperio Global Pvt. Ltd.

**Manish Jain**

Chairman & Managing Director

Imperio Global Pvt. Ltd.

Date : 27/11/2023

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