**NAME :** Vempati Prabhakara Rao

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**Summary:**

5.5 years of total experience in an IT Infrastructure and Hosting based 24X7 support environment, including 2.2 years as a postgresql & Mysql Database Administrator and 3.3 years as a .net and UI developer. Seeking a technical position that will allow me to fully utilise my strong customer service attitude, exceptional organisational skills, and technical abilities.

**Professional Experiences:**

1: **Working with [Dr.NTRUHS]., Vijayawada from April 2020 to Present.**

**Role: Analyst (Database Administrator)**

**Key performance indicators:**

* Installed and DB Server ( MySQL, PostgreSQL);
* Installed and Setup MySQL & PostgreSQL (Master and Slave) Server, Multiple MySQL Instance with different port.
* MySQL & PostgreSQL Database backup (Hot/Cold) and recovery, repair and optimize tables,
* MySQL&PostgreSQL Database security, creating users and managing permissions.
* Database's migration on Amazon Web Services.
* Installed and SetupDatadog Server, Plugin and NRPE tools.
* Log Analysis, Maintaining documents of production server error log's reports.
* Monitor Production Server Health of different parameters (System Load, Swap Memory, Hard disk) via Datadog and CloudWatch.
* Investigation and Recover of Production Server Issues like as Server load (Parsing, mailq, query stuck).
* Creation and Manipulation of shell & Python scripts and db connection.
* Scheduling jobs using crontab, Create SWAP Memory
* Monitoring performance insight for the queries which are running longer and impacting the performance of the database
* Getting the details from the performance insight regarding the complete health of the database and taking the actions necessary
* Enable Logging of Slow Queries and improved performance through several maintenancetasks on PostgreSQL and MySQL Database Environments
* Implementing database house keeping jobs like vacuuming
* Handling Database Migrations and Refresh Database or Schemas and Tables as requestedby the Application Team
* PITR (Point-In-Time-Recovery) during Disasters for PostgreSQL Databases.
* Handle Database Switchover/Failover for PostgreSQL and MySQL Databases
* Upgrading the rds PostgreSQL and Mysql instances as required by checking the database load
* Reviewing the DDL’s given by the application team and performing regular deployment at the database.
* Worked on Migrating MySQL database to Azure Cloud
* Monitor the Sessions and the Database Activity and identify Sessions causing Contention and work on the Root Cause Analysis.

2: **Working with [Dr.NTRUHS]., Vijayawada from Oct 2018 to march 2020.**

**Role: Developer (UI Developer)**

* Designed a creative website for university, maintaining and updating the website according to the requirement(http://drntruhs.in/).
* Designed features for providing information such as Events, results, academic calendar for students in university.
* Identified opportunities to replace redundant and manual design, Development of y activities with automated technical solutions.
* Responsible to manipulate HTML5, CSS3 in jQuery as well asmaking the pages dynamic.
* Developed portal (MEDHAS – Medical Education Health Administrative System) for internal use of University & institutions under the University.
* Created and ensured development standards of NIC (National Informatics Centre) are met, wrote clean, consistent, flexible optimized and accessible front-end code with a focus on the modular and reusable code.

3: **Working with [MARAM SOFTWARE PVT.LTD]., Vijayawada from oct 2016 to 2018**

**Role: Developer (.Net developer)**

* Designed using HTML5, CSS3.
* Developed in C#.Net, SQL Server.
* Created Components and interactions using hand-coded CSS3, HTML5, JavaScript and Bootstrap.
* Involved in Development for Consuming Web service.
* Involved in writing queries stored procedures.
* Developed and integrated using JavaScript and JQuery.
* Created Components and interactions using hand-coded CSS3, HTML5, Object-Oriented JavaScript, JQuery and Bootstrap.
* Part of the Research & Development team for improving the process and the fixing the technical issues.

**Education:**

* B.Tech computer science and engineering at Sasi Institute of Technology & Engineering College affiliated to JNTU Kakinada (2012-2016)
* Higher Secondary at Sri Bharathi Junior College Eluru (2012)
* Matriculation at Vignana Bharathi High School (2010)

**Personal Details:**

* Name : Vempati Prabhakara Rao
* Nationality : Indian.
* Marital status : Single
* Date of Birth : 06/06/1995

**DECLARATION:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date : 27/06/2022

Place : Vijayawada

(prabhakar.Vempati)