VINOD KUMAR SINGH

Flat 706, KUL ECOLOCH, Society 3D, Phase 1, Hinjewadi, Pune MH-411045

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Objective

Dedicated and Smart Working Database Consultant seeking a position where I can contribute my knowledge of database and programming language and years of experience in handling large development projects for mutually beneficial growth relationship between the organization and myself.

Corporate Functional Summary

* 6-year experience in IT industry as Database Consultant in SQL SERVER.
* Good knowledge of data science and machine learning using R & python.
* Good Knowledge of Hadoop framework and Big-Data technology.
* Good hands on cloud technology like Azure and AWS.
* Strong knowledge of Data Modelling, Data warehouse and Data mining concept.
* Strong programming skills in VBA and good debugging & testing knowledge.
* Strong knowledge of SQL Server, SSIS, SSRS, SSAS.
* Strong knowledge of advance data structure.
* Good knowledge of windows server active directory and management.
* Ability to write test plans, test cases and technical documentation.
* Able to work independently and effectively with dynamically changing environment.
* Very flexible, adaptable and a fast learner of new technologies.

Skill Set

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| **Language** | R, Python, T-SQL, VBA, MDX, C, C++, C# |
| **DBMS** | SQL Server 2017 |
| **Server / OS** | Windows server 2016 Datacenter |
| **Tools** | SQL Server Management Studio (SSMS), SQL Server Data Tools (SSDT), EXCEL, ANACONDA, R-STUDIO, JUPYTER NOTEBOOK, AZURE, AWS, REDSHIFT |

Educational Qualification

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| **Qualification Category** | **Qualification** | **Subject** |
| Bachelor of Technology | B Tech | Computer Science |
| Standard XII / H.S.C. | XII | MATHS |
| SSC | X | MATHS |

Work Experience

* 2 Year 8 Month of experience in PharmaACE Analytics as Database Consultant from 1 Apr 2016 to Now
* 1 Year of experience in IDBI Intech Ltd. as MSBI Developer from 30 of March 2015 to 14 March 2016.
* 2 Year 7 month of experience in TCS as System Engineer from 12 of Sept 2012 to 26 of March 2015.

Project Experience Summary

**Project # 1**

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| **Project** | PACEHOMEPAGE, BRAD, IDP |
| **Customer** | Mallinckrodt, BioMarin, BMS |
| **Period** | Apr 2016 – Onwards |
| **Role** | OFFSHORE-Developer |
| **Technology/Software**  **Worked In** | SQL Server 2017, R, Python, VBA, EXCEL, Azure, AWS, Redshift, Office-365, WINSCP, Azure ML Studio, R- Studio, JUPYTER Notebook, Anaconda Environment. |

**Description:**Currently working on multiple project.

**IDP:** We have combined the data from IQVIA, symphony, intrinsiq, identify the full market coverage, sending different analysis based on client requirement.

**BRAD:** Design a database for client to save all forecast and historical data and connected with tableau for monitoring the revenue on regional basis.

**PACEHOMEPAGE:** Building a product for pharmaceutical company having lots of feature which will help domain user for knowledge base, forecasting, feeds, community practice.

**Responsibilities:**

* Database Designing: multiple database already designed and now working on creating required object based on discussion.
* Machine Learning algorithm: Using Azure ML Studio to trained model based on given algorithms.
* Advanced Excel: Using Excel and VBA coding created Workbook that will explain full project outcomes.
* R: Using for time series and predictive analysis.
* Python: Using for writing ml algorithm from scratch and using pandas library mostly.
* Aws & Redshift: Using S3 for storage and Redshift for data warehousing.
* MS SQL Server: Most of the data integration and business rules implemented using T-SQL.

**Project # 2**

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| **Project** | MIS-Regulatory (Priority Sector Lending) |
| **Customer** | IDBI BANK |
| **Period** | March 2015 – Onwards |
| **Role** | OFFSHORE-Developer |
| **Technology/Software**  **Worked In** | SQL Server 2012 – SSIS, SSRS, SSAS, Oracle11g, Toad, Office 2013, Putty, Edit Plus |

**Description:**Priority Sector Lending is an important role given by the [Reserve Bank of India](https://en.wikipedia.org/wiki/Reserve_Bank_of_India) (RBI) to the banks for providing a specified portion of the bank lending to few specific sectors like agriculture and allied activities, micro and small enterprises, poor people for housing, students for education and other low income groups and weaker sections..

**Responsibilities:**

* Work on Performance tuning: removing the redundant logic, replace the slow running code, uses of optimizer hints, creation of suitable indexes, tuned the sql query.
* Implement the change data capture efficiently, stored the transaction log and fast debugging with the help of log table, audit and alert system.
* Automate maximum manual intervene task and trying to move the task to IT OPS team.
* Daily basis data processing, dump file generation, cumulative data matching and inform to client.
* ETL (implementing business logic) creation using SSIS tool to load data in data warehouse.
* SSRS Report creation using direct SQL or MDX query based on business needs.
* Parallel work on other development project based on time availability.

**Project # 3**

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| **Project** | SBP DATA WAREHOUSE |
| **Customer** | ABN AMRO |
| **Period** | Sept 2014 - Nov 2014 |
| **Role** | Team Member |
| **Technology/Software**  **Worked In** | SSIS, SSRS, SSAS, SSMS-2008 |

**Description:**The Strategic Banking Platform (SBP) data warehouse is specifically designed for managing accounting requirements, providing information on assets under management, product income, clients and relationship managers.

Every month raw source data is extracted from Olympic Core Banking system. This data is then transferred using an ETL tool and programs into the staging layer of the Warehouse.

Small functional data marts are built from the Data Warehouse. A cube is processed from the Data marts to provide ad-hoc analysis to the power users.

**Responsibilities:**

* Involved in project as a team member.
* Involved in maintenance, enhancement/developments and providing support for SBP DWH application.
* Involved in EOM processing and Ad Hoc reporting for business.

**Project # 4**

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| **Project** | Option Navigator |
| **Customer** | Bank of America |
| **Period** | Jan 2013 – OCT 2013 |
| **Role** | Team Member |
| **Technology/Software**  **Worked In** | SQL Server 2008 R2, SSIS, BIDS, Visual Studio 2010, SVN,QC-9 |

**Description:**Option Navigator is a web-based application which includes features such as "scenario analysis," to make an organization more informed decisions regarding options valuations and options plans, and a complete set of audit reports to support a more efficient and effective audit experience.

This application had different modules like Expense, Deferred Tax, EPS dilution, Disclosure, etc.  
**Responsibilities:**

* Involved in the project and application transition as Team member.
* Worked as SQL Server developer for two modules.
* Prepared High-Level data-base documents in Development cycle.
* Done every day task assigned by Team Lead in first module.
* Understanding business requirements and coming up with estimations for development.
* Involved in developments and providing deployment for Equity application.
* Perform code merge activity for two version of Release.

Honor and Activities

* Member of technical team in Indian Science Congress organized at KIIT University.
* I qualified **Microsoft written test** in pool campus organised at KIIT University.
* Actively participated in Annual Sports meet organized at KIIT University.
* Actively participated in technical fest ‘KRITANSH 08’ of KIIT University.
* Secured first position in class 10th throughout my school.

Hobbies

* My hobbies are playing Cricket, Swimming, Dancing and Update with latest technology.

Personal Details

Date of Birth : 25th JUN 1989

Father’s Name : Mr. Kanhaiya Lal Singh

Mother’s Name : Mrs. Hiravati Devi

Permanent Address : Vill+Post-Puari Kalan (Gosai K Pura), Varanasi, UP-221202