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# Deepak Kumar

Accomplished Azure Data Engineer with 14+ years of experience designing, developing and delivering Solutions in various Industry domains. Recognized consistently for performance excellence and contribution to success in IT industry. Experienced in data mining large data sets of structured and unstructured data, Data Acquisition, Data Modeling, Data Visualization and Enterprise Data Warehousing.

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## Professional summary

- I have **14+ years of IT experience** and can be headhunted for a Lead level position across any functional sectors within an IT organization.
- I have **4.6 years of Onsite experience** working closely with clients across different sectors.
- Played roles during assignment such as **Azure Data Engineer, Data Architect, Data Modeler** and **Oracle**.
- Profound knowledge of relations multi-dimensional and transactional databases.
- Exceptional understanding of Business Intelligence and Enterprise Data Warehouse concepts.
- Experience in **Data Ingestion, Data Mining and Data Modelling using Erwin tool**.
- Experience on **Azure data Lake Storage, Azure SQL Database, Azure Databricks, Azure Synapse Analytics** and **Azure Data Factory** using **Azure Portal**.
- Experience in streaming data metrics using **Azure Events Hub** and **Azure Stream Analytics**. Exposure to **Azure Logic Apps**.
- Excellent in High Level Design of **SSIS Packages** for integrating data.
- Developing various reports using **Power BI** and **SSRS** from various data.
- Development of **Oracle Forms, Apex, Reports** and **PL/SQL**.
- Development using Python Libraries like **Pyspark** and **Cx\_oracle** for enabling access to Oracle Database.
- Developed **Advance PL/SQL packages, procedures, triggers, functions**, Indexes to implement business logic using Toad and PLSQL Developer.
- Experience in **Azure DevOps/GitHub**.
- Well versed with using **Postman** and **SOAP UI**.
- Experience on Version control tools like **Git, SVN, Jira** and **Confluence**.
- **Led providing daily supervision, standups and direction** to a development team of 6 Azure/Oracle developers.
- Responsible for managing team members **performance appraisal, providing technical guidance** and creating a proper delivery channel between the offshore and onsite team.
- Project exposure using waterfall, Trained in **Agile** methodologies.
- Excellent interpersonal and good communication skills with proactive attitude and qualities.
- **Azure Data Engineer Associate certified (DP-203), Azure Data Fundamentals certified (DP-900)**
- **Azure Fundamentals certified (AZ-900), Oracle SQL certified.**

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## Skills

- Azure Data Lake Gen2
- Azure SQL Database
- Azure Synapse Analytics
- Azure Data Factory
- Azure Stream Analytics
- Azure Events Hub
- Azure Databricks
- Azure Devops/Repos
- Azure Logic Apps
- MSBI (SSRS, SSIS), Power BI
- Delta Lake
- Oracle Forms/Apex/Reports
- PL/SQL, Oracle, SQL
- Pyspark/Cx\_oracle/Python
- Postman/SoapUI
- Data Warehouse
- Data Acquisition
- Data Visualization
- Data Migration
- GitHub, SVN, Jira, Confluence
- Team Leading/Management
- Spark/Spark Sql/Scala

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## Experience

### Tata Consultancy Services

Jul 2012 – Present

| Project                            | Tenure   | Roles & Responsibilities   |
|------------------------------------|--|--|
| Asset Financing Bank, South Africa | Feb 2016 – Present   | <b>Azure Data Engineer Lead</b> <ul style="list-style-type: none"><li>• Involved in entire product lifecycle development from requirement gathering through implementation in production.</li><li>• Created Pipelines in Azure Data Factory using Linked Services/Datasets to Extract, Transform and load data from different sources like Azure SQL, Blob storage, Azure SQL Data warehouse.</li><li>• Involved in migration of SQL database to Azure data Lake Gen2.</li><li>• Controlling and granting database access to Azure SQL Database and Azure SQL Data warehouse.</li><li>• Worked on streaming data metrics of IOT devices using Azure Events Hub and Azure Stream Analytics.</li><li>• Worked on Git to maintain source code in Git and GitHub repositories.</li><li>• Worked on Azure Databricks to create, clone and edit clusters of complex data using Pyspark.</li><li>• Development of Oracle Forms and Reports and PL/SQL packages to interact with APIs through JSON/XML payloads using UTL_HTTP.</li><li>• Created Python access and Database Connections to Oracle Database using cx_Oracle module.</li><li>• Documents the changes</li><li>• Implement the approved changes</li><li>• Test plan and data preparation</li><li>• Unit testing and regression testing</li><li>• Bug fixing</li></ul> |
|                                    | <b>Tools Used</b> <ul style="list-style-type: none"><li>• Azure Portal</li><li>• Toad</li><li>• PL/SQL Developer</li><li>• PyCharm</li><li>• Postman</li><li>• SSMS</li><li>• Power BI</li><li>• Erwin</li></ul> |  |

|                                |   |  |
|--------------------------------|---|--|
| Apple iTunes                   | Feb 2014 – Jan 2016   | <b>Oracle Technical Consultant</b> <ul style="list-style-type: none"> <li>Understand the functional and technical design document</li> <li>Development of code in accordance with the design and following the code standard</li> <li>Implement the approved changes</li> <li>Unit testing and regression testing</li> <li>Bug fixing.</li> </ul>  |
|                                | <b>Tools Used</b> <ul style="list-style-type: none"> <li>Toad</li> <li>SQL, PL/SQL</li> </ul> |  |
| Fidelity International Limited | July 2012 – Jan 2014  | <b>Senior Oracle Developer</b> <ul style="list-style-type: none"> <li>Complete ownership of solution starting from design, build till user acceptance of the solution.</li> <li>Interacted with client to understand the issue faced in order to provide prompt reply.</li> <li>Worked on various techniques of performance improvement in order to optimize the processing time.</li> </ul> |
|                                | <b>Tools Used</b> <ul style="list-style-type: none"> <li>Toad</li> <li>SQL, PL/SQL</li> </ul> |  |

## TSYS Card Tech Ltd.

|                     |   |  |
|---------------------|---|--|
| TSYS Card Tech Ltd. | Jun 2007 – Mar 2012   | <b>Senior Oracle Developer</b> <ul style="list-style-type: none"> <li>Implementing and executing project plans within deadlines.</li> <li>Coding at different stages.</li> <li>Preparation of technical documents.</li> <li>Fixing the reported defects / bugs.</li> </ul> |
|                     | <b>Tools Used</b> <ul style="list-style-type: none"> <li>Toad</li> <li>SQL, PL/SQL</li> </ul> |  |

## Certifications and Trainings

- AZ-900** Microsoft Certified: Azure Fundamentals
- DP-900** Microsoft Certified: Azure Data Fundamentals
- DP-203** Microsoft Certified: Azure Data Engineer Associate
- Oracle SQL Certified Developer**
- Agile Way of Working, TCS

## Education

**BE /** Sant Longowal Institute of Engineering & Technology, Longowal (SLIET)

## Personal details

Passport: M0290204  
Gender: Male  
Language known: English, Hindi, Punjabi

## Declaration

I hereby declare that all the details mentioned above are correct to the best of my knowledge and nothing is concealed or distorted.