**­­­­­Akshay Barakoti**

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**Objective: ­­­­­**

Data Engineer with expertise in all aspects of the software development life cycle including requirements analysis, design, development and production support. An innovative thinker, amiable team-player and self-managed. Passionate adopter of latest products and technologies.

**Education:**

**Post-Graduation Diploma in Data Science** 2020 GPA 3.61/4  
Indian Institute of Information Technology Bangalore

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| **Bachelor in Computer Science**  Guru Gobind Singh Indraprastha University Delhi | 2016 | Percentage - 73% |
| **Class XII –** CBSE  Modern Vidya Niketan | 2012 | Percentage –79% |
| **Class X –** CBSE DAV Public School | 2010 | Percentage –85.5% |

**Work Experience:**

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| **Assistant Manager at Fareportal** | **Nov 2020 – till date** |

* Created multiple batch jobs to distribute data across multiple database
* Create data process to extract data from Google AdWords / Bing ads and google analytics via python API’s
* Created a process to pull data from S3 bucket and place it in HDFS
* Perform analysis and optimization in HIVE
* Worked on Apache Sqoop
* Developed FTP framework that automatically pulls file and store in S3 and SQL tables
* Design data marts for marketing and BI teams
* Created mechanism for query tracing running on our reporting servers
* Develop a platform for report building that are used by multiple teams across the company

**Senior Data Engineer at Snapdeal Feb 2019- till date**

* Worked with the business analysts and machine learning team in requirement gathering and analysis.
* Design data models, ETL mappings and associated objects of analytical solutions having experience on vertica, ETL technology set .
* Developed process to transform data and place in HDFS
* Review solution design and ensure that the defined EDW standards and framework are followed.
* Review and validate logical and physical design to ensure alignment with the defined solution architecture.
* Define standards and procedures; refine methods and techniques for data extraction, transformation and loading (ETL) both in batch and “near real time” modes.
* Ensure quality assurance plan and cases are comprehensive to validate the solution thoroughly.
* Support QA, UAT and performance testing phases of development cycle. Understand and incorporate required security framework in the developed data model and ETL objects.
* Create/review technical documentation for all new and modified objects.
* Created Tableau reports and dashboards.
* Recommend focused marketing activities to business team by evaluating spend profiles of potential customer segments using the K-means clustering methodology

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| **Database and BI Developer at PineLabs** | **Jan 2018 – Jan2019** |

* Thorough understanding of database designing, development, implementation & administration using Microsoft SQL Server, SQL Server Integration Services and SQL Server Analysis Services
* Worked on existing architecture and create a scalable and maintainable architecture for data processing and maintainability in a streamlined manner.
* Expertise in T-SQL: Creating tables and enforcing data integrity, managing data in tables, creating and maintaining indexes, functions, stored procedures and joins, using subqueries and using xml in SQL.
* Well versed with MS SQL Server internals, System Tables and Databases, Table Partitioning and Data Migration.
* Proficient in creating and maintaining SSIS packages; thorough knowledge of working on indexes, types of indexes, and indexing algorithms.
* Created Power BI report and dashboards.
* Proficient in deploying the solution on servers and maintaining the backups

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| **Software Developer at MAQ Software** | **Jan 2016 – Dec 2017** |

* Exposed to most of the phases of SDLC including analysis, design, and implementation and testing.
* Worked on different database designs and models
* Proficient in creating, monitoring and maintaining ETL jobs.
* Worked on multiple store procedures, functions and optimization of stored procedures
* Exposed to GIT and TFS and PowerBI
* Created automation tool for testing and validating data in Data warehouse models

**Languages and Technologies:**

* **Programming Languages**: Python
* **Reporting Tools** : Tableau, Power BI
* **Databases**: SQL Server, Vertica
* **Big Data** : Hadoop , Hive
* **Areas of Interest**: Query Optimization, Data warehouse designing, Scripting in Python.
* **Tools**: Git Hub , Visual Studio, SSIS,SSAS

**Achievements and Awards:**

* Received spot award thrice in MAQ Software for outstanding performance
* Got Best Employee award twice in Snapdeal
* Gained expertise and passed Microsoft certifications 70-461, 70-463 ,70-762,70-761.
* Cleared Microsoft Certification on Power BI
* Written research paper on “Sustainable Cloud Computing” and get it published on National Conference of emerging trends
* Current tiHacker rank on SQL is 3k
* Completed Data Warehouse Specialization course, Algorithm course on Coursera
* Completed CS50(Introduction to computer science) on Edx. and tableau course from Udemy.

**Co-Curricular Achievements**

* Winner of debate and extempore competition held in school and college.
* Received Prominent Speaker Award in school.
* Won first prize in mixed doubles table tennis championship.
* Won first prize in men’s double badminton.

I hereby declare that the above information is true to the best of my knowledge. If given a chance, I will try my best to come true to your aspiration.

**Date:** 16th September. **Akshay Barakoti**

**Place:** Faridabad