**Ganesh Kumar Murugandi**

[linkedin.com/in/ganeshkumar24](http://linkedin.com/in/ganeshkumar24) | ganeshkumarmgk10@gmail.com |

**Education**

**The University of Texas at Dallas** Aug ‘16 – Dec ‘18

M.S., Business Analytics (Dean’s Excellence Scholarship)

**Sastra University**  Aug ‘09 – May ‘13

B.S., Information Technology

**Skills**

|  |  |
| --- | --- |
| Data Visualization | Tableau 9.x, 10.1, Power BI, Seaborn, Matplotlib  |
| Python Libraries |  Pandas, SciPy, NumPy, Seaborn, SciKit Learn  |
| Language & scripting | Python, SQL, JSON, R, HIVE, Java |
| Database Tools | Microsoft Access, My SQL, SQL Developer, SQL Server, Oracle 10g,  |
|  Tools | Erwin, Jira, Excel, Confluence, Visio, STATA, Jupiter Notebook, MS Office, SAS |
| Extract Transform Load (ETL) | Informatica 9.x,10 |
|  Certification | Google Analytics, Google AdWords, Statistics, Data Modelling |

**EXPERIENCE SUMMARY**

* Around 3.5 years of IT experience in data analysis, design, development, and Implementation of Business Intelligence Projects using Python, Tableau & Informatica
* Experience working in entire BI Project life cycle (Analyse, Design, Build, Test and Implementation phase).
* Proficient in Tableau data visualization tool to analyse and obtain insights into large datasets & create visually compelling and actionable interactive reports and dashboards
* Have better understanding of Machine Learning, Data warehousing and Project Management techniques.
* Coordinated scrum meetings to attain the progress and performance and analysed the critical paths related to project
* Experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Warehouses and Data Marts using Informatica Power Centre

**Professional Experience**

**Premier Inc, Charlotte**

**Project Data Analyst**  Nov ’19 to Present

Performed several roles across technology, budgeting and project management status using Tableau and MS Excel

* Prepare weekly and monthly project status reports using JIRA and SQL and deliver to appropriate project team members and stakeholders
* Created user stories using JIRA, document, track, and update risks, issues, and change requests. Executes project work plans and revises as appropriate to meet the needs
* Analysed and provided documentation for transforming existing data from legacy applications and loading of this data into a new target application environment
* Developed interactive Tableau visualizations after gathering Business Requirements to illustrate KPI and Performance metrics of the business processes
* Documented the plan for migrating data from Oracle to Teradata system and helped the team to efficiently develop ETL jobs which reduced the budget cost by 5 % per sprint
* Develop documentation and presentation material to communicate project status and plans. Involved in troubleshot, coordinate and maintenance of production applications
* Contracting for Premier through Gavs Technologies to be a part of healthcare related projects.

**Dikita Enterprises, Inc, Dallas**

**Jr. Research Data Analyst** Jun ’17 to Nov ‘19 (18 months)

* Worked extensively with databases related to transit projects, analysed data patterns and ensured data quality is attained.
* Performed data analysis on survey data using Regression and Classification machine learning algorithm on Jupyter notebook using python to infer insights related to day-to-day ridership counts and revenue generated.
* Performed data analysis and provided recommendations for developing strategies that lead to an increase in revenue by 7% and passenger count by 5%
* Evaluated various types of datasets by performing machine learning models using algorithms and statistical modelling techniques such as Classification, Regression, Decision trees using Python libraries
* Helped to identify that the newly added route generated less than forecasted revenue in Plano county and provided vital insights on updating the route to be profitable
* Participated in translating business needs into Business Intelligence reporting solutions
* Develop visualizations using Tableau Desktop that were published in Tableau Server to the business stakeholders for analysis and customization using filters and actions.

**Tata Consultancy Service, Chennai**

 Business Analyst Aug ‘13 to Oct ‘14

* Involved in various activities of the project like information gathering, analysing the information gathered, documenting the functional or business requirements
* Performed Gap Analysis to identify the deficiencies of the current system and to identify the requirements for the change in the proposed system
* Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams and data flow diagrams using UML and Business Process Modelling
* Design and develop several mappings that involves active and passive transformations like Source Qualifier, Lookup, Router, Normalizer, Aggregator, Filter, Joiner, Expression and standard/reusable logic using Informatica
* Generated ad-hoc reports for the project management team using SQL queries
* Installed, updated, and troubleshoot various client applications and handled escalated calls/tickets from software support team

**Leadership Experience & Organization**

Professional Chair at UT Dallas, Alpha Kappa Psi Feb’17 to Dec ‘17

Associate Chair at UT Dallas, Investment Club Jan ’18 to July’18