



Jagdish Galipelli

PROFILE

Formulating data strategies aligned with Business and technology.

CONTACT

PHONE:
+971558472961
EMAIL:
Jagdishgag@gmail.com

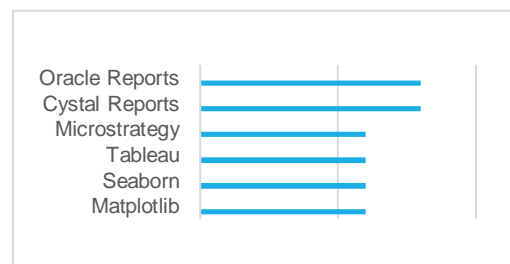


SKILLS

PYTHON LIBRARIES USED

- ✓ Scikit-Learn
- ✓ Pandas
- ✓ Tensorflow
- ✓ Keras
- ✓ NLTK, BERT
- ✓ LSTM and GRU
- ✓ Xgboost /Adaboost

VISUALIZATIONS



BIG DATA FRAMEWORK AND CLOUD

- ✓ Spark
- ✓ HIVE
- ✓ Sqoop
- ✓ Kafka
- ✓ Flume
- ✓ Big query
- ✓ Airflow
- ✓ HDFS
- ✓ NoSQL DBs
- ✓ MapReduce
- ✓ Amazon AWS
- ✓ Azure

EDUCATION

Master of Science (Data Science) – Ongoing
2021-Present **Liverpool John Moores University, UK**

Bachelor of Engineering (B.E.) – Electronics
2001-2005 **University of Mumbai** 1st Class

CERTIFICATIONS AND TRAININGS

- ❖ Oracle Certified Associate (year 2006)
- ❖ Hadoop Platform and Application Framework (UCSandiego– Coursera)
- ❖ Big data Professional (HDFS , MapReduce, HBase ,Sqoop,Flume, Kafka, Spark, Hive, Apache Pig,Oozie and Python programming)
- ❖ Python for Data Science and Machine Learning Bootcamp (Udemy)
- ❖ Applied Data Science with Python - 5 Course specialization from University of Michigan - Coursera
- ❖ Deep Learning – Kaggle

SUMMARY EXPERIENCE

- ❖ Highly motivated and experienced Data Scientist with over 5 years of experience in data analytics, statistical modeling, and machine learning. Possess strong analytical skills and the ability to identify trends, patterns, and insights from complex datasets. Proficient in programming languages, data visualization tools, and database management
- ❖ More than 16+ Years of Total Data engineer experience in all phases of SDLC starting from requirement gathering, design, development, Code reviews, Impact and gap analysis , Quality assurance, Customer engagement
- ❖ 5+ years of experience in Big data and data science technologies
- ❖ Worked on Big Data technologies such as Hive Flume, Kafka, Map Reduce, Spark, HBase and Sqoop.
- ❖ Experience working with professions across geographies APAC,EMEA and Europe
- ❖ Solid Experience in Writing Optimized SQL queries, Analyzing Explain Plan, Applying new features, using SQL Tuning Advisor and Partitioning.
- ❖ Designed and implemented computer vision pipelines to process large datasets, extract features, and prepare data for analysis and modeling.
- ❖ Well verse with data cleaning , transformations, data migrations, data quality
- ❖ Experience in different BI tools like Microstrategy ,Tableau, Discoverer, Crystal reports ,Power BI, Matplotlib, Seaborn
- ❖ Domain expertise in Banking (Cash Management) , Airline revenue, Immigration Border control, Municipality services, Telecom Mediation, Inspection services, Clinical data
- ❖ Involved in many data migrations, data integrations.

Work Experience:

Client Name

Company Name
Designation
Location

Federal Authority for Identity and Citizenship (ICA)

Astek Middle East LLC (Apr 2018 Till Date)
Senior Software Engineer
Abu Dhabi (UAE).



Uncovered insights, trends and patterns from large amounts of data using cutting-edge tools and techniques. Presented investigative results to key stakeholders, using strategic visualisation tools to portray complex analytics. Implemented new data science models, tools and technologies to elevate business performance. Conducted data analysis and created predictive models to forecast immigration passenger inflow and provide strategic recommendations.

Worked on projects on Open CV and deep learning to read the MRZ from Emirates ID and also for reading the MRZ from Passport for E-Gates at Immigration borders.

Trained and deployed the CNN model to classify the vehicle registration card based on country of vehicle, used OCR reader tesseract on top of it to read fields like chassis number and car plate details.

Worked on integrations with the health authority to push data to Al Hosn application.

Importing and exporting data into HDFS and Hive using Sqoop.

Conducted statistical analysis to identify trends ,seasonal trends and patterns and provide actionable insights to drive decisions.

Assisted clients in developing data architecture models to enable effective service-orientated delivery.

Supporting Business users to fetch the required data using complex queries and doing required transformations

Handling many data solutions with different integrations

Engaging with stakeholders to collect requirements & explaining the data insights

Created interactive dashboards and reports using data visualization tools to enable business users to gain insights into key performance metrics.

Client Name

Company Name
Designation
Location

Dubai Municipality (Government of Dubai).

Reach Employment Services (Aug 2015 to Apr 2018)
Software Developer
Dubai (UAE).



We created Data Lake DM Data where data from various applications is pulled using Sqoop for Relation databases and also data is pulled from logs using flume. This data lake was used for all analytics and decision making purpose. Used Tableau for creating interactive dashboards for same. The process of data ingestion using Sqoop to hdfs/hive from different RDMS sources was automated. Used pySpark to parse xml files (DM Clinic files) and for fast processing of data.

Designed, build ETL to ingest, transform and process data from Dubai central laboratories, Dubai Clinics and Food inspection systems.

Acquired, absorbed and processed data from varied sources into DM data platforms for Business Insights.

Client Name

Company Name
Designation
Location
Environment
reports, Oracle 10g forms/reports.
Project Details:

: Emirate Airlines (EGIT Emirates Group IT).

(Mercator solutions as brand for external clients)

: IT people consulting LLC (From Jun 2010 to Aug 2015)

: Software Engineer

: Dubai (UAE).

: Oracle 10g, 11g database and front end on Oracle 6i forms, 6i



Project Details:

Rapid: Rapid is Revenue accounting product for Airlines industry. Rapid supports both Passenger and Cargo revenue accounting. As a Team member I am responsible to resolve the fault incidents raised by clients and develop new Enhancements to the product. Was working extensively on Pl/sql and Oracle forms and reports. RAPID product is used by more than 50 Airlines across globe. Involved in credit card processing module and was involved in making the application PCI DSS compliant.

Providing Functional and Technical training to new joiners.
 Doing Bug Fixes for faults reported in application.
 Developing new PL/SQL code as per new requirements.
 Preparing change request document with effort estimates and approach document.
 Extensively worked on raw-data in different styles which needs to go into the database using SQL*Loader and PL/SQL
 Was involved in development of tool called FileX similar to AutoSys or Dollar Universe or Control -M.
 Development done using Oracle forms 10g, Oracle database and linux shell scripting.
 Understanding the requirement from Business users of different Airlines.
 Doing the product strengthening analysis by adding 'good to have' features.
 Worked extensively on development of credit card modules like CCD Billing, CCD reconciliation and workload automation tool.
 Handling Change management process for team for all changes done in system and adhering to the process followed by Emirates CM team.
 Involved in development of Interfacing of RAPID product to Oracle ERP- Financials.
 Performance tuning of the sqls in the application.

Client Name **ABN Amro Central Enterprise Services. (RBS)**
 (Now **Royal bank of Scotland business services**)
 From Sep 2006 till Jun 2010
Designation Software Engineer
Role Senior Team member
Location Mumbai.
Environment Oracle 8i/9i/10g, Oracle forms, reports, PostgreSQL



Project Details:

Cashin is a transaction processing engine and it generates accounting entries related to the transaction. Processed by it, As team member, I was involved with support for the issues or queries arise for each module. ACME (Nucleus Software Product Cash@will) is advanced version of cash management product which is on 3 tier. ACME is completely seamless.
 Providing Functional Support to Asia Pacific Countries for Cashin and ACME Application.
 Interaction with Vendor on requirements and implementation to Asia Pacific countries
 Created Packages, Functions and Procedures & Database triggers
 Creation of UAT/DR databases and was involved in managing these DBs.
 Formed detailed UAT and QA test plans, managed system testing and preserving testing documentation
 Assigning new problem tickets to team members and follow-up till closure

Projects during Msc Data Science

- ❖ Pneumonia detection using transfer learning using CNN
- ❖ Telecom churn prediction of the customers
- ❖ Melanoma cancer detection using neural networks
- ❖ Lead score conversion for the marketing leads
- ❖ Credit card fraud detection, anomaly detection
- ❖ Gesture recognition using Recurrent neural network

Personal Profile:

Name	Jagdish G Galipelli
Sex	Male
Marital Status	Married
Visa	Currently on residence Visa in UAE.
Languages Known	English, Hindi, Telugu and Marathi, Arabic (Read and Type)