

Summary

- **Achievement-driven professional** with an experience of **3 Years**.
- Experience in architecting application with **Algorithms, Machine Learning (Supervised, Unsupervised, Clustering)**.
- Skilled in libraries such as **Sklearn, NumPy, Pandas, Matplotlib, Seaborn**.
- Knowledge and hands on experience with **Informatica Power Centre 9.6/10.2**
- Extensively used **ETL methodology** for developing/supporting Data Extraction, Transformation and Loading process, in an organization-wide-ETL solution using Informatica/Oracle
- Knowledge on Data Warehousing Technology, Data Analysis, Application Design, Application Development which includes **Requirement gathering** and Customization of various Business Applications in Data Warehouse
- Worked on **migration project** from **Informatica 9.6 to Informatica 10.2**
- Knowledge and hands on experience on Reporting Tool-**Power BI**
- Rich experience in all phases of the **software development life cycle** (requirements, design, Analysis and Visualization, development, Optimization, testing, release, support).
- Handling **Incident Management & JIRA ticket** for application outages and critical issues.
- Worked under **Agile Methodology** and knowledge about CA Agile Central Tool

Technical Skills

- **Information Technology**-Python, Informatica, Sql, MS-Excel, MS-Office, Sybase, Putty, Unix
- **Techniques** – **Regression** – Simple, Multiple, Polynomial, SVR, Decision-Tree, Random Forest
Classification – Logistic, KNN, Support Vector (Linear, kernel), Decision-Tree, Random Forest, Naïve Bayes.
Clustering – K-Means, Hierarchical Clustering
- **Libraries** – NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- **Visualisation** -Power_BI
- **Tools** - Jupyter Notebook, Spyder

Experience

- **Aladdin Wealth Tech-Data Team** Dec19-Current
 - Client** : One of the global investment management corporation
 - Role** : ETL Developer
- Analysing the requirement on the basis of **mutual funds and share classes** (i-shares)
- Creating mappings/mapplets/workflow/worklets as per requirement to load into gateway tables
- Loading the **data mart tables from Aladdin Source** (Green Package, TRR)

- Understanding the requirements to load portfolio tables on basis of **NAV, Distribution, Price, Holding, Breakdown, Cashflow in terms of mutual funds**
- Worked extensively on different types of transformations along with session and workflow manager properties to increase performance and efficiency

- **Partner Payment Management.**

Oct-17 to May-19

Client : One of the biggest global financial services company.

Role : ETL Developer

- Analyzing the Functional Requirement Document & FMD (**Field Mapping Document**) which includes source to target mapping.
- Modified the pre-existing mappings as per the requirements
- Reading Copybook source files (Mainframe Files) and created Data Maps using **Informatica Power Exchange**
- Develop the UNIX script for workflow execution.
- Worked extensively on different types of **transformations** like source qualifier, expression, Normalizer transformation, Data masking, filter, aggregator, update strategy, lookup, sequence generator, joiner, router and sorter.
- Created workflow execution jobs using **control-M Scheduling tool**.

POC of Machine Learning:

- **Banking Domain**

Jun-19 to Nov-19

Software Engineer (Data-Analyst)

- Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis.
- **Data visualization** for analysis of co-relation between features and driving useful insights.
- Participating in **Data Pre-processing** Techniques in order to make data useful for creating Machine Learning Models.
- Building various **classification algorithms** using various Sklearn libraries such as **Logistic Regression, Support Vector (Linear, Gaussian), Random Forest**.
- Evaluating Model Performance by applying K-Fold **Cross-Validation** and Improving Model-Accuracy by **Hyper-Tuning** the Parameters

Organization

- **Professional Experience**

Currently working as **Senior System Engineer, Infosys Gurgaon**

Education

- **Chitkara Institute of Engineering and Technology** Chandigarh, India
Bachelor of Engineering in Computer Science; **CGPA: (7.3/10.0)** Aug. 2013 – July. 2017