

# JESSICA CLAIRE

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## SKILLS

- Languages: Python, Java, Bash shell Scripting
- Cloud Frameworks: Google Cloud Platform , Docker, Kubernetes Services
- Web Technologies: Json, JavaScript, HTML, REST(Django)
- Data Warehousing/ETL: Informatica 9/10, Abinitio 3.3
- RDBMS: Oracle SQL
- No-SQL: BigQuery, HIVE
- Scheduling tools: Control-M, CA7
- Data Visualization tools: Congnos, Tableau

## EDUCATION AND TRAINING

University of Mumbai  
B.E: Computer Engineering

## CERTIFICATIONS

LinkedIn Certifications:  
Apache Spark Essential Training  
Analyzing Bigdata with HIVE

## SUMMARY

- 7 years of IT industry experience encompassing a wide range of skill sets working in Data analytics and Data integration fields and web application development.
- Skillset includes ETL Development, Web development with REST -Django, GCP,Hadoop, Python, SQL-no SQL, Unix scripting, Data warehousing.
- Experience with analysis, design, development and implementation of banking applications, Web applications
- Worked on AGILE methodology with continuous integration (CI/CD) processes.
- Searching for opportunity to bring 7 years of data engineering experience to efficiently contribute to the company's growth and to grow in big data technologies, cloud platforms and data science.

## EXPERIENCE

Syllable - Senior Software Engineer  
New York, NY • 07/2019 - Current

- Developing REST-ful Web application using Python's Django Web Framework using Google Cloud platform.
- Using multiple Google Cloud Platform python libraries to utilize cloud services such as Storage, Cloud build, Stack driver, Datastore, Cron jobs, Big query.
- Creating automated code deployments with Docker and google cloud builds.
- Deploying containerized web applications with Kubernetes.
- Optimizing Big Query solution by creating mega schema for handling Keen analytics data archives.
- Creating Big Query Exports services for Datastore import exports.
- Using Big Query for complex queries for data statistics reports.
- Working on Agile methodology using tools like JIRA for sprint planning.
- Using GIT tagging with cloud build to create automated deployment.
- Creating API test cases using Newman Test suit and integrate it with Google cloud.
- Working on API Profile performance report by using python context manager and enhancement using in context cache.
- Creating Google cloud project for development environment and making it ready with test data by exporting test data from datastore.
- Using cloud functions to call build triggers.
- Using Google cloud container registry to use built container images for Kubernetes engine.
- Using Google cloud Kubernetes engine to create, monitor Kubernetes clusters , workloads.
- Creating GCLOUD services like Geoimaging to handle map images for web applications in different formats and integrating them with GCP.

Tsr, Inc. - Data Analyst  
Orlando, FL • 10/2015 - 06/2019

- Understanding the business requirements to use data source applications like ALS, ACAPS for designing the ETL process building different Abinitio Graphs.
- Implement the ETL process for these SunTrust's consumer applications based on the design using Data Lake architecture.
- Validating the data lineages using Meta data hub and EME dependencies.
- Performance improvement of the ETL process by using resource pool.
- Worked on Meta programming, Dependency analysis, PDL, Meta hub data lineage, control center.
- Creation of the UNIX scripts to further accommodate the client requirement to manage the data controls.
- Loading the data to Oracle tables and DB2 tables.
- Using the Hadoop distributed file systems to load data using partitions into HIVE partitions.
- Analyze the data loaded into Distributed systems using Interface like Hue.
- Led the technical team both onsite and offshore in order to meet task deliverables.

Clearesult, Inc. - Senior ETL Developer  
IL, State, India • 01/2014 - 09/2015

- Modification of existing ETL graphs based on LLD design migration points.
- Graph Enhancements using PDL and maintaining the version of EME objects.
- Creation of the PSET's for generic object.
- Dependency analysis (DA) for PSET created.
- End to end testing(Manual) of graphs created based on the ETL process dependencies.
- Developing test case documents for the unit testing.
- Testing overall process by automated scheduling using control M scheduler in all environment.
- Data validation using development and production data comparison.

Jpmorgan Chase & Co. - ETL Developer  
Jackson, MS, India • 02/2013 - 01/2014

- Extracting the data from mainframe.
- Apply the transformation rules defined by various transform components using mapping documents using Graphs.
- Generating load ready files and validate the results against the target data format.
- Involved in end to end data validation by interacting with the business users (UAT).
- Loading the data into appliance database like DB2 using ETL load utilities.
- Defect handling by backtracking the ETL process using Ab>Initio.
- Creating generic shell scripts to add data quality checks.
- Preparing or updating high/low level documents, mapping documents as per client requirements for any enhancement/defect.

## ACTIVITIES AND HONORS