**Summary:**

* Experienced in several areas of Data Engineering like ETL workflows, Data analysis and Machine learning.
* 3+yrs of experience with SQL and NoSQL databases like Postgres, MySQL, Firebase, and MongoDb.
* 2yrs of experience working with big data technologies like Spark, Hadoop, MadReduce and Cassandra.
* 4+yrs experience in object-oriented programming and scripting languages using Python, C++, Java.
* Certified AWS solutions architect and certified agile professional SCRUM master.

**Work Experience:**

**Data Engineer at Upstate Interactive:** May 2019 - Present

* Implemented an ETL workflow for collecting, modifying and storing credit card data in Data Lake.
* Developed a crash and error analytics system using REST API to capture and send event driven data.
* Built a CI/CD pipelines to aid in DevOps for testing and validation of the API using Gitlab.

**Data Analyst at iConsult:** Jan 2019 - May 2019

* Formulated KPIs based on client requirements and demographic data analysed.
* Developed the front-end interactive UIs for the client to enable them to manage backend data.
* Implemented the backend functionality by integrating Twilio APIs in a .Net MVC framework.

**Education:**

* **Master’s in Information Management**, Syracuse University school of Information Studies 2018 - 2020
* **Certificate of advanced Studies in Data Analytics**, Syracuse University, GPA: 3.92/4 2018 - 2020
* **Bachelor’s in Computer Science Engineering**, St. Francis Institute of Technology, GPA 3.8 2014 - 2018

**Courses undertaken:** Database Administration, Cloud Management, Big Data Analytics, Business Analytics, Data Science, Information Systems Management.

**Certifications:**

Amazon Web Services Certified Solutions Architect – Associate Dec 2018 - Dec 2020

Google Analytics Individual Qualification (GAIQ) October 2019 - October 2022

Profession Scrum Master (PSM1) November 2019

**Projects Undertaken:**

**Big Data Analyst, Predictive analytics:** August 2019 - November 2019

Provided a data driven solution for predicting real estate housing prices using AWS SageMaker, Apache Spark and housing data from the years 2012-2018 using various supervised and non-supervised learning models.

**Data Warehousing and Monitoring:** June 2019 - July 2019

Developed an ETL workflow for collecting, transforming and storing credit card data using Node.js onto an AWS S3 data lake while working at Upstate Interactive. Also implemented an error detection and monitoring system using Rollbar to gain insights on failures in the backend APIs.

**Data Analyst, actionable insights on airline data**       January 2019 - February 2019

Used R to visualize and plot different attributes from given airlines dataset to identify KPIs that could lead to better customer satisfaction and better cost savings using regression, clustering and association algorithms.

**Data Analyst, Sentiment Analysis**                     January 2018 - August 2018

Using twitter’s API, performed sentiment analysis on tweets produced during the 2018 Winter Olympics. Feed was collected and stored in a csv file which was imported into R and compared with positive and negative words to predict people’s sentiments from different countries.

**Backend NoSQL Developer:**     August 2018 - September 2018

Created a food restaurant web app built as an SPA using React.js, ES6 and Firebase as the backend with google sign-in and email verification. NoSQL Firebase database was used to store user orders, carts and menu items.

**SQL Database Developer:**                July 2016 - October 2016

Developed a website that provides reviews of gadgets, using HTML, CSS, PHP and MySQL which was hosted using a XAMPP server. Data was normalized(3NF) and stored in MySQL. Views were used to retrieve review data.

**Technical Skills:**

Database Technologies: PostgreSQL, MySQL, MongoDB, DynamoDb, Firebase, Redis, Hive, HBase,

Machine Learning: Apache Spark, Hadoop, Tensorflow, AWS Sagemaker, Elastic MapReduce

Cloud Technologies: AWS, Azure, Docker, Kubernetes, Google Cloud, IBM Cloud

Programming Languages: Python, Javascript, C++, Java, R, Solidity

Software: Tableau, SPSS, Google Analytics, PowerBI, MS Excel advanced, Visual Studio, Git.