**Summary:**

* Independently developed and published 5 mobile apps using Unreal Engine
* Certified AWS solutions architect and certified professional SCRUM master.
* 3+yrs of experience with SQL and NoSQL databases like Postgres, MySQL, Firebase, and MongoDb.
* 4+yrs of experience in object-oriented programming in Python, Java, C++.
* Experience deploying micro-service apps based on serverless architecture.

**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:** Business Analytics, Big Data Analytics, Data Science, Cloud Management, Database Administration, Project Management, Risk Management

**Certification:**

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

Profession Scrum Master (PSM1) November 2019

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

**Work Experience:**

**Software 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 workflow to aid in DevOps using Gitlab.

**Software Developer at iConsult:** Jan 2019 - May 2019

* Designed prototypes for the customer facing front-end based on client feedback.
* Developed the front end for a client that provided a web-based CRM solution.
* Implemented the backend functionality by integrating Twilio APIs in a dot Net MVC framework.

**Technical Skills:**

Tools: Unreal Engine, Tableau, PowerBI, Google Analytics, MS Excel Advanced, Blender

Database Technologies: PostgreSQL, MySQL, NoSQL, MongoDb, DynamoDb, Firebase, Redis

Cloud Technologies: AWS, Azure, Docker, Kubernetes, GCP, IBM Cloud, Serverless (AWS Lambda)

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

Techniques: Deep Learning, Neural Networks, Sentiment Analysis, Regression

**Projects Undertaken:**

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

* Provided a data driven solution for predicting real estate prices using Apache Spark framework and machine learning techniques.
* Segregated house listings into various market segments using Kmeans clustering on AWS Sagemaker.
* Delivered a working model based on random forest algorithm to predict house prices based on housing data from 2012-2018.

**Business System Analyst, Syracuse University and 2U** September 2018 - November 2018

* Analyzed the existing information system and mapped out the functional and non-functional requirements of the project by interviewing various key stakeholders.
* Developed ERD, DFD, and UML to understand job requirements and solve the business problems that Syracuse University and 2U.com were facing while exchanging data.
* Developed a new system that resolved all the functional requirements determined during the start of the project.

**Business Analytics, Analysis of Accent Group** August 2018 - December 2018

* Analyzed Accent group with disciplined approach understanding their business and change model for digital transformation.
* Carried out competitive analysis by drawing comparisons between companies using SWOT Analysis, Porters Five Forces.
* Delivered a detailed presentation and drafted a report including Net Present Value and Gross Profit Percent of the company

**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 patterns among attributes that could lead to better customer satisfaction and better cost savings.

**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.

**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.

**Android Apps independently developed and published on PlayStore:** May 2017 - Jan 2019

* **Gem Quest AR:** An AR game where the goal is to collect as many virtual gems as you can within a minute. Made using Google’s ARCore library within 48hrs as part of 2019 Global Game Jam.
* **Rolli:** Using the mobile’s tilt sensor, the player must move the ball without it falling.
* **Epic Pen Fight:** A full 3D pen-fight game with a touch-based physics mechanics. Rays were traced at the touch position force was applied using the impact angle.
* **Math Wiz:** An app to practice solving math problems that are generated on the fly with up to 4 players on the same screen. Problems included arithmetic, ratios and quadratic equations.
* **Quiz:** Based on the TV game show "Who wants to be a millionaire", this quiz game fetches questions using a REST web API.