

JAVARRUS MICKLE

• Data Specialist •

Determined data specialist skilled in analytical thinking and adapting for continuous improvement. A graduate of Georgia Institute of Technology and Clemson University with degrees in Analytics and Industrial engineering, respectively. My university experience has provided me with both technical and soft skills to execute and explain technical requirements. I've been a Technology Consultant for 3 years and a Front-End Developer for 1 year.

SKILLS/TECHNOLOGIES

- **Skills:** Data Analysis, Data Visualization, Data Cleaning, Data Engineering
- **Back-End:** Python, R, Java, VBA (Microsoft Excel)
- **Databases:** PostgreSQL, Redis, BigQuery, Firestore, MongoDB
- **Infrastructure:** GCP, AWS, Kubernetes, Docker, DataFlow, Cloud Functions
- **Data Visualization:** Plotly, Dash, Seaborn, Matplotlib, D3.js

EXPERIENCE (PROJECTS)

SPHERE (SXS) CHARLOTTE, NC - DB ADMIN & FRONT END DEVELOPER

DECEMBER 2021 - PRESENT

- Utilize the designer's latest changes on Figma to update the entire website to version two using HTML, CSS and JavaScript/TypeScript.
- Provide additional Blockchain support for Ethereum, Polygon, Binance and Terra Luna by adding their specific wallet connection configurations.
- Integrate the back-end Ethereum Virtual Machine smart contracts to the front-end, allowing users to invest and trade in cryptocurrency projects.
- Initialize Firebase to hold data regarding whitelist participants, cryptocurrency projects, and smart contract public keys.
- Create reading and writing security rules and permissions for the firestore database regarding upcoming cryptocurrency start up projects.
- Limit Firestore database read costs by adding pagination to limit the amount of data rendered initially.
- Connect ChainLink's oracle smart contract to the website, providing the users with updated exchange rates/prices for Solana, and EVM based tokens.

ACCENTURE LLP, CHARLOTTE, NC - TECHNOLOGY CONSULTANT

AUGUST 2019 - MARCH 2022

- Utilize Agile methods to plan, retrospect, develop and demo projects to the client.
- Create a Cloud Transformation proof of concept using Google Cloud's Kubernetes and Functions by mocking one the client's on premise processes, earning the team a contract with the client.
- Develop various Google Cloud DataFlow jobs using Python and Java from scratch to transform one of the client's business processes run on Cloud Servers.
- Document and demo the steps required to deploy and run 7 Google Cloud DataFlow jobs for the DevOps Team.

- Architect operational database using PostgreSQL by creating schemas and indexes to keep track of the DataFlow jobs' run statuses.
- Package Google Cloud jobs to deploy them across DEV, SIT, CAT and PROD environments.
- Assist the client's DevOps team in developing Jenkin jobs to automate the deployment process for all 13 DataFlow Jobs.
- Collaborate with the team to discuss the requirements and timelines to build a mail campaign web application for the client.
- Automate the customer's mail campaign processing with Python for the web application, to handle more than 15 million subscribers.
- Create custom error handling and logging features for the Python program in case the on premise servers shut down in the middle of the program.
- Demo new features at the end of every sprint to the client's high level management team.

VARRUS LLC

MARCH 2022 - AUGUST 2022

- Architect and develop a real estate website while using Facebook and Google ads to market the properties.
- Filter down the audience to the most responsive based on demographic data.

GEORGIA TECH CAPSTONE

MAY 2021 - AUGUST 2021

- Utilize video frames in a chicken coop to determine if the chickens have been contaminated with a virus.
- Setup AWS Rekognition services to find each chicken's placement for frame by frame by manually providing the location data to train the machine learning model.
- Calculate the displacement of all the chickens over time to determine the velocity of their movement based on the .
- Analyze the results by comparing the chicken coops for standardization and finding outliers.

EDUCATION

MASTER OF SCIENCE • ANALYTICS • GEORGIA INSTITUTE OF TECHNOLOGY, 2021

BACHELOR OF SCIENCE • INDUSTRIAL ENGINEERING • CLEMSON UNIVERSITY, 2019