
Professional Experience:**Amgen | Tampa FL (Remote) | Business Analyst Intern**

May 2020 – Aug 2020

Project: Enterprise Service Management (Service Now Platform)

- Analyzed data and workflow, and coordinated with stakeholders to receive critical configuration items data for preparation of go-live. Created training material using guided tours(ServiceNow) and SharePoint links for users to understand critical configuration items data as part of AmgenNow.
- Facilitated data warehouse integration using complex SQL queries to fetch data from multiple data sources.
- Streamlined project documentation needs and supported product team in creating stories on JIRA board to ensure coherent teams dynamics.

HSBC Technology India | Pune, India | Software Engineer (Business Analyst)

Aug 2015 – May 2019

Project: Global Payment Systems (Product: Finastra's Global Pay Plus)

- Developed automated tools using shell scripts for logs extraction saving 40% effort on defect analysis along with catering to urgent requirements to fix test/production defects.
- Identified critical roadblocks from transaction and customer test data using excel functions and optimized time-consuming SQL queries to improve performance by 12%.
- Performed ad hoc analysis to identify business insights using defect log data and collaborated with SIT and UAT teams through confluence dashboards for detection of KPIs in release pipeline accelerating the release process by 33%.
- Conducted 50+ PoC developments for possible business solutions and collaborated with SMEs in gap analysis and modifying future business objectives along with creation of functional requirement documents based on case studies.

Academic Projects:**Employee Attrition Prediction using Machine Learning Techniques in Azure ML**

Oct 2019

- Analyzed the employee attrition data using Tableau and evaluated actionable insights.
- Performed predictive modelling using classification models like Decision Trees and Logistic Regression for prediction of rate of attrition. Formulated recommendations based on the analysis to reduce the attrition rate in future.

New York Property Sales Price Prediction Using Pyspark (Databricks)

Mar 2020

- Analyzed and preprocessed the data using Spark SQL, data visualization using matplotlib, seaborn libraries.
- Developed property sales price prediction model using Spark MLlib in Databricks which will help buyers create a plan for investment. Used Random Forest, Linear Regression, K-Means Clustering, Decision Trees models and compared them to find the model with highest accuracy for prediction of target value.

COVID-19 Analysis Dashboard using Power BI

Aug 2020

- Integrated hospital, geographic, mobility and demographic data from 4 sources using Python to create a robust pipeline for modelling and creating dashboards.
- Designed and developed a Power BI dashboard on dynamic data of COVID-19 enabling the insights. Built time series predictive models to support decision making and logistical planning for the hospitals.

Traffic sign detection and recognition using convolutional neural network method (Jupyter Notebook)

Oct 2020

- Assembled images of traffic signs to create a dataset and preprocessed the data (cleaning and image augmentation). Performed EDA using python libraries (Pandas, NumPy, Matplotlib, Seaborn) for understanding distributions and outliers.
- Designed a two-stage classification model, a binary classifier for detection of only Stop and Non-Stop signs followed by multi-class classifier for classification of various traffic signs which can be implemented in self-driving cars.

Skills:**Data Visualization:** Power BI, Tableau, Alteryx, Excel (Functions, formulas, pivot tables, formatting, tables, charts, dashboards)**Databases:** SQL (Oracle, MS SQL Server)**Cloud Computing:** Amazon Web Services, Google Cloud Platform, Microsoft Azure**Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn), R, PySpark, Unix Shell Scripting**Tools:** Jupyter Notebook, Databricks, Microsoft's Azure ML, Microsoft Office Suite, ServiceNow, Microsoft Dynamic 365, Git, StarTeam version control

Education:**University of South Florida, Tampa, FL****STEM Eligible**

Master of Science in Business Analytics and Information Systems, GPA: 3.72/4

Aug 2019 – May 2021

Relevant Coursework: Data Visualization, Data Science Programming, Data Warehousing, ERP

University of Mumbai

Bachelor of Engineering (Electronics)

Jul 2011 – Jul 2015