

Kaushik Asok

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

Singapore

Master of Science in Business Analytics

Aug 2022 – Sep 2023

- Relevant course work: Applied Machine Learning and Neural Networks for Analytics, Data Management and Warehousing with SQL, Network Science for Analytics, Managerial Economics

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Chennai, India

- *Bachelor of Technology (Mechanical Engineering)*, First Class with Distinction Jun 2015 - May 2019

EXPERIENCE

ST ENGINEERING

Singapore

Data Analytics Intern

May 2023 – Aug 2023

- Developed visualizations with dashboards offering actionable insights on improving standards of maintaining mission critical systems operations to key stakeholders using Tableau.
- Implemented a proof of concept leveraging NLP techniques for addressing user-reported issues through document similarity search for optimizing Average Remote Resolution Time of mission critical systems Fault. Demonstrated the concept by creating a user interface using Streamlit.

INFOSYS LIMITED

Chennai, India

Data Analyst

Jan 2020 - May 2022

- Designed Grafana Dashboards by implementing different visualizations of data present in data sources such as Elastic search, Postgres Database and Microsoft SQL database Server to study and understand resources leveraged by users from different units within the company for Model training in cloud.
- Collaborated with team on redevelopment of User Interface of Infosys MLOps Application implementing *Material UI in Angular 8 framework* within 30 working days which in turn lead higher management team showcase the application as a part of demo and onboard a client for a future project.
- Performed CRUD operations using Postgres SQL on various tables which stored data of MLOps Application user activities as per Architectural team's requirements.

DATA SCIENCE PROJECTS

- Showcased proficient use of Explainable AI techniques during a seminar to decipher the analysis of machine learning models for predicting churn in bank customers. Identified and presented actionable strategies for improvement based on the insights derived.
- Engaged in a Kaggle competition focused on natural language processing, specifically sentiment classification of movie reviews in training dataset and predicting outcomes in test dataset.
- Collaborated with team at NUS to develop an end-to-end analytics dashboard using Flask and PostgreSQL. The project involved synthesizing data and gaining valuable insights through deployment in Heroku cloud.
- Led a module-guided project at NUS, where I created a web scraping process to extract data from basketball reference website. Assessed obtained features to identify factors influencing player salaries.
- Developed a modularized Python code to execute Algorithmic Stock Trading with optimized risk strategy, enabling effective deployment and evaluation in Huawei cloud.

SKILLS

- Business Languages: English, Tamil (native proficiency), Hindi
- Programming: Python, Scikit-Learn, Pandas, SQL, Streamlit, Machine Learning Models, Angular, Web Scrapping, Hypothesis Testing
- Data Visualization: Tableau, Grafana, Jupyter Labs, Data Storytelling
- GitHub: [Your Repositories \(github.com\)](#)