

Kaushik Asok

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EDUCATION

NUS BUSINESS SCHOOL, 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 visually compelling 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 improvements in *Remote Resolutions* of mission critical systems Fault. Demonstrated the concept by creating a user interface using Streamlit.

INFOSYS LIMITED

Chennai, India

Senior Systems Engineer

Jan 2022 - May 2022

System Engineer

Jan 2020 - Dec 2021

- 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 into our Unit.
- Performed CRUD operations using Postgres SQL on various tables which stored data of MLOps Application user activities as per Architectural team's requirements.

UNIVERSITY PROJECTS

- Demonstrated effective use of Explainable AI techniques to interpret the machine learning model analysis of churn prediction of bank customers in a seminar.
- 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 application 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.
- Analyzed airline customer satisfaction survey dataset from Kaggle in a term project at NUS. Partnered with a team to select optimal machine learning classification model based on business metrics

SKILLS

- Business Languages: English, Tamil (native proficiency), Hindi
- Programming Languages: Python, Postgres SQL, TypeScript, Streamlit, Angular
- Data Visualization tools: Tableau, Grafana
- GitHub: [Your Repositories \(github.com\)](#)
- Interests: Playing Tennis, Watching Formula 1