

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)

Jun 2015 - May 2019

- Percentage 89%, First Class with Distinction

EXPERIENCE

ST ENGINEERING ADVANCED NETWORKS & SENSORS PTE LTD

Singapore

Data Analytics Intern

May 2023 – Aug 2023

- Develop visually compelling data visualizations and deliver insightful dashboards, offering actionable insights to key stakeholders using Tableau.
- Developed a proof of concept that leveraged NLP techniques for addressing user-reported issues through document similarity search. Demonstrated the concept by creating a user interface using Streamlit.

INFOSYS LIMITED

Chennai, India

Senior Systems Engineer

Jan 2022 - 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.
- Developed features for Model Management Application in Angular and Java as per Architectural team's requirements based on feedback received from internal users to improve user interface of the application.

System Engineer

Jan 2020 - Dec 2021

- 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.
- Implemented telemetry in Java Application to push data into Elastic search and created a Kibana Dashboard displaying various visualizations of data present in Elastic search to monitor the internal user activities throughout the day for effective working of the application.
- Performed CRUD operations using Postgres SQL on various tables which stored data of MLOps Application.

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 binary classification of movie reviews in training dataset and predicting ratings outcomes in test dataset.
- Collaborated with a team at NUS to develop an end-to-end analytics application using Flask and PostgreSQL. The project involved synthesizing data and gaining valuable insights. Completed as part of an in-class project.

- 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.
- 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.

SKILLS

- Programming Languages: Python, HTML, TypeScript, Streamlit
- Database: Postgres SQL
- Data Visualization tools: Tableau, Grafana

ADDITIONAL INFORMATION

- Languages: English, Tamil (native proficiency), Hindi
- Interests: Playing Tennis, Watching Formula 1
- GitHub: [Your Repositories \(github.com\)](#)