**RAGAVI POBBATHI ASHOK**

[Ragavipashok96@gmail.com](mailto:Ragavipashok96@gmail.com) | 469.389.6769 | [LinkedIn](http://www.linkedin.com/in/ragavipobbathiashok126) |  [Portfolio](https://ragavi-ashok.github.io/portfolio/) |

**EDUCATION**

# University of North Texas *Dallas, TX*

*Master of Science in Advance Data Analytics,* **CGPA: 4** *June 2023- May 2025***Relevant Coursework-** Data Analytics, Harvesting, Storing and Retrieving Data, Discovery and Learning with Big Data, Large Data Visualization, Recurrent Neural Networks for Sequence Data, and Deep Learning with Big Data.

# University of Auckland *Auckland, New Zealand*

*Master of Engineering in Electrical and Electronics. 2018-2019*

# BNMIT Institute of Technology *Bengaluru, India*

*Bachelor in Telecommunication Engineering. 2014-2017* **CERTIFICATIONS**Google Data Analytics Professional Certificate

**SKILLS**

* **Data Analysis & Visualization:** | Python | Java | SQL | Power BI | Tableau | Excel |
* **Predictive Modeling and Statistical Modeling :** | Decision Trees | Neural Networks | Random Forest || Logistic Regression| ANOVA | Time Series Analysis |
* **Big Data Technologies:** | Spark | Hive | Hadoop |PySpark **|**
* **Machine Learning Models:** | Reinforcement Learning | Personalization & Recommender Systems | A/B Testing |
* **Cloud & Deployment:** | AWS | Azure | CI/CD (Jenkins) |
* **Project Management:** | Git | Jira |

**PROFESSIONAL EXPERIENCE**

# Fisher and Paykel Appliances: Product Development Analyst Engineer *Auckland, New Zealand*, *Jan 2022 - Nov 2022*

# Conducted comprehensive data analysis for the Fisher and Paykel app, leading to a 25% improvement in app performance and user experience.

# Implemented the first Python-based automation project to improve the Fisher and Paykel app's efficiency, by 30% focusing on user interface enhancements.

# Led the development of Fisher and Paykel's Digital Services solution, encompassing data extraction, design, and build, mainly focusing on customer-specific report generation, leveraged MySQL, Azure Analysis Services, and Power BI to enhance and regularly update overall performance metrics each quarter.

# Collaborated with cross-functional teams to optimize data-driven strategies.

**Invenco Group Ltd – Cloud Engineer** *Auckland, New Zealand, Dec 2019 - Dec 2021*

* Led **a team of five as Scrum Master** in enhancing Agile practices adoption **by 50%**, resulting in improved project delivery.
* Analyzed datasets using advanced statistics and created a **sentiment model** to understand customer usage.
* **Automated** and Managed Amazon **EC2 instances** and **S3 Buckets**.
* **Extracted data** from **multiple cloud sources** and managed database systems.

**PROJECTS**

* **Airline Data Analysis:** Comprehensive analysis of the March 2023 airline data t**o guide airline performance and customer satisfaction** | [Kaggle](https://www.kaggle.com/code/raaguashok/airline-data-usa)
* **A/B Testing Case Study**: Enhancing E-commerce Sales with a **New Product Recommendation Algorithm** | [Kaggle](https://www.kaggle.com/code/raaguashok/enhancing-e-commerce-sales)
* **Starbucks Case Study**: From Segmentation to **Predictive Modeling** | [Kaggle](https://www.kaggle.com/code/raaguashok/starbucks-case-study)
* **Amazon Customer Behavior Analysis**: Growth Strategy Recommendations with **Sentiment Modeling** | [Kaggle](https://www.kaggle.com/code/raaguashok/amazon-user-behavior-insights)
* **DC Motor Speed Control**: Utilized **Artificial Neural Network** for Speed Control | [GitHub](https://github.com/ragavi-ashok/Research-papers/blob/main/Speed%20Control%20of%20a%20DC-Motor%20Using%20Artificial%20Neural%20Networks.pdf)

**LEADERSHIP EXPERIENCE**

* Served as the Graduate Buddy program leader for two years (2018 and 2019) at the University of Auckland.