**RAGAVI POBBATHI ASHOK**

Ragavipobbathiashok@my.unt.edu | 469.389.6769 | [Portfolio](https://ragavi-ashok.github.io/portfolio/) |

**EDUCATION**

# University of North Texas *Dallas, TX*

*Master of Science in Advance Data Analytics with a minor in Data science,* **CGPA: 4** *Started – July 2023*

# University of Auckland *Auckland, New Zealand*

*Master of Engineering in Electrical and Electronics Engineering with a minor in Computer Engineering. 2018-2019*

# BNMIT Institute of Technology *Bengaluru, India*

*Bachelors in Telecommunication Engineering with a minor in Electronics Engineering. 2014-2017*

**SKILLS**

* **Languages:** Python, R, SQL, Java, HTML, MATLAB, SQL.
* **Data visualization tools:** PowerBI, Tableau.
* **Data Analysis Techniques:** Hypothesis Testing, A/B Testing, Decision Trees, Neural Networks, Machine learning.
* **Cloud Technologies:** AWS, Azure, Google Cloud.
* **Version Control systems:** Git, Subversion.
* **CI/CD deployment pipelines:** Jenkins.

**PROFESSIONAL EXPERIENCE**

# Fisher and Paykel Appliances – Product development Test Engineer *Auckland, New Zealand*

*January 2022-November 2022*

* Extracted and analyzed data from various sensors in appliances.
* Implemented first automation project for appliances using behave framework with python to capture the touch.
* Implemented CI/CD pipelines from Hardware to software of the appliances by Jenkins.
* Created interactive dashboards and reports using Power BI.

# Invenco Group Ltd – Cloud Test Engineer *Auckland, New Zealand*

*December 2019-December 2021*

* Leading team of 5 as scrum Master (Agile methodology).
* Performing UI and API automation and deploying code to necessary environments.
* Retrieving Cloud data and analyzing it from various data sources.
* Working with Amazon EC2 instances, S3 Buckets.

**ACADEMIC PROJECTS**

* Comprehensive analysis of the March 2023 airline data to guide airline performance and customer satisfaction | **Python**/[Kaggle](https://www.kaggle.com/code/raaguashok/airline-data-usa)
* NYC Airbnb Analysis Dashboard | [Tableau](https://public.tableau.com/views/Airbnb_16924749650770/Dashboard1?:language=en-US&:display_count=n&:origin=viz_share_link)
* Analyzing shopping mall data of Istanbul from 2022-2023 | SQL, Google Cloud.
* Implementation and comparison of Activation functions on FPGA | [Github](https://github.com/ragavi-ashok/Research-papers/blob/main/Implementation%20and%20comparision%20of%20activation%20functions.pdf)
* Speed control of DC motor using Artificial Neural Network | [Github](https://github.com/ragavi-ashok/Research-papers/blob/main/Speed%20Control%20of%20a%20DC-Motor%20Using%20Artificial%20Neural%20Networks.pdf)

**LEADERSHIP EXPERIENCE**

* Successfully managed the “BUDDY PROGRAMME” at University of Auckland as Leader.
* Served as the Graduate Buddy program leader for two years (2018 and 2019) at University of Auckland.
* Volunteered for Girl guiding NZ events.