**Ragavi P Ashok**

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**Summary**

**Education**

* **Master of Science – University of North**

**Texas, Dallas, United states of America**

2023**-**2025

Major – Advance Data Analytics

Minor – Data science

* **Master of Engineering – University of Auckland, Auckland, New Zealand**

2018-2019

Major – Electrical and Electronics

Minor – Computer Engineering

* **Bachelor of Engineering – BNM Institute of Technology, Bangalore, India**

2014-2017

Major: Telecommunication Engineering

Minor: Electronics Engineering

**Technical SKILLS**

* Proficient in cloud technologies: AWS, Azure, Google Cloud Platform
* Proficient in programming languages: Python, R, SQL
* Familiarity with big data technologies: Hadoop, Spark 4
* Strong scripting skills in Python, Bash, and PowerShell
* Experience with containerization tools: Docker, Kubernetes
* Proficient in configuration management tools: Ansible, Puppet, Chef
* Experience with machine learning algorithms and frameworks: scikit-learn, TensorFlow, PyTorch.
* Proficient in data visualization tools: Tableau, Power BI, Matplotlib, Seaborn
* Familiarity with continuous integration/continuous deployment (CI/CD) pipelines: Jenkins, GitLab CI/CD.
* Experience with version control systems: Git, Subversion

**Professional EXPERIENCE**

**Fisher and Paykel Appliances: PD Test Analyst Jan 2022- Nov 2022**

**Auckland, New Zealand**

• Extracted and analyzed data from various appliances, performing data cleaning and preprocessing tasks.

• 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. • Built statistical models and conducted hypothesis testing to support business decision-making.

• Created interactive dashboards and reports using Power BI, presenting key insights to stakeholders.

**Invenco ltd: Cloud Test Engineer Dec 2019- Dec 2021**

**Auckland, New Zealand**

• Designed and implemented cloud infrastructure on AWS, leveraging services such as EC2, S3, and RDS.

• Automated deployment processes using Ansible, reducing deployment time by 50%. • Implemented CI/CD pipelines using Jenkins, enabling seamless integration of code changes into production.

• Leading Team of 5 as a Scrum Master

• Collaborated with cross-functional teams to define project objectives, collect and analyze data, and present actionable insights.

• Implemented data visualization dashboards using Tableau, enabling stakeholders to monitor KPIs in real-time.

**PROJECTS**

Implementation and comparison of Activation functionson FPGA, UOA 2019. • Speed control of DC motor using Artificial Neural Network (AI), UOA 2018. • Electronic Eye Controlled security system, BNMIT 2017.

MANAGEMENT SKILLS

•Successfully managed the “BUDDY PROGRAMME” at University of Auckland as Leader.

• Student member of Electricity Engineer Association, Wellington 6145, New Zealand.

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

* Volunteered for Girl guiding NZ events