**Brunda Mariswamy**

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**SUMMARY**

Data Engineer with 3 years experienced wrangling big datasets and different stages of the data pipeline with proven success in previous fast paced environment. Enthusiastically wanted to get back to the industry where I can leverage existing skills and continue with learn new ones.

**EDUCATION**

The George Washington University, Washington, DC Anticipated May 2024

**Master of Science, Data Science**

Coursework: Intro to Data Science, Intro to Data Mining, Data Warehousing

Awards and Honors: Global Leaders Fellowship scholarship in the Data Science Program

Visvesvaraya Technological Institute, Karnataka, India July 2019

**Bachelor of Engineering, Computer Science**

Coursework: Data Base Management System, Data Mining and Data Warehousing, Python Application programming, Machine Learning, Big data analytics, IOT, Unix and Shell programming, Engineering Mathematics, Automata Theory and Computability

**TECHNICAL SKILLS**

**Programming Language**: Python, R, SQL, HTML, C

**Tools:** Microsoft Office, Informatic, IICS, Azure data factory & data bricks, Tableau, Power BI, MS SQL,

Oracle SQL, AWS, NumPy, Pandas.

**Operating System**: Unix, Microsoft Windows, macOS

**Scripting Language**: PowerShell, VB Script, Batch Script

**Certifications**: Python for Data Science basics for data analysis, Analyzing and Visualizing data with

Microsoft power bi, Certificates on NumPy, Pandas, Scikit-learn, Matplotlib.

**WORK EXPERIENCE**

Larsen & Turbo Infotech, Bangalore, India Jan 2021 – July 2022

**Senior Data Engineer**

* Automated ETL process for huge rows of data which reduced manual workload by 41% monthly.
* Maintained data pipeline up-time of 99.9% while ingesting streaming and transactional data across spark, data warehouse and Power BI tool.
* Revised testing procedure to decrease overall product cycle duration by 10% with no detriment to product quality.
* Scheduled and coordinated testing workflow among team members resulted in 80% of reports being prepared ahead of schedule with 15% increase in accuracy.

**Data Engineer** Sept 2019 – Dec 2021

* Wrote PowerShell script that automated process in ETL for few functionalities which improved workflow efficiency by 11%.
* Developed reusable scripts for data wrangling which improved process by 15%.
* Improved efficiency by 20% by automating data extraction from databases, flat files, Excel, web applications.
* Optimized load of existing tables, improving run time of dashboards reports by >15%.

Bharat Electronic Limited, Bangalore, India July 2018 – Aug 2018

**Software Engineer Intern**

* Assist in defining, automating and executing development tests in support of feature/functionality being developed.
* Tasks include coding, code reviews, tool development, as well as other software development activities.
* Work with other team members to learn, introduce and share development frameworks, tools, processes and best practices.
* Java and Web services development.

**TECHNICAL PROJECT**

Modernization in Indian agriculture-An IOT approach Aug 2018 – May 2019

* Pre-production phase is to help farmers reduce the loss by 60% that can be incurred due to inflation.
* Production phase reduces human errors and intervention with the introduction of sensors in agriculture land, the precision of agriculture can be increased by 80%.
* Sales support to help increase the profit by 90% without intervention of middle man.
* Java,IOT and Web Services development.

**PUBLICATIONS**

Brunda.M, Pooja R Ganiga, Bhandavya B.V, Nalla Venkat Revanth. Modernization in Indian agriculture-An IOT approach, International Journal of Advance Research, Ideas and Innovations in Technology V513-1938 June 2019

**LEADERSHIP, VOLUNTEER EXPERIENCE**

* Captain, Sports team, St. Rock’s School, June 2012
* Best project award for Undergrad project, Acharya Institute of Technology, June 2019
* Global Leaders Fellowship scholarship in the Data Science program, August 2022