**ABILASHA VEDIAPPAN**

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*Experienced Data Pro | Data Visualization Expert | Supply Chain specialist | ETL, SQL, Tableau, Excel, Alteryx, Python libraries like Pytorch,scikit,matplotlib , Power BI | Project management success*

***PROFESSIONAL EXPERIENCE***

**FREELANCE ANALYST**, *Apr 2023 – Present*

* Implemented data tracking systems for a client to analyse daily sales trends and expenses, resulting in 15% increase in daily revenue and a 10% improvement in profit margins.

**SENIOR DATA SCIENTIST,** Cargobase, Singapore**,** *Jan 2023 – Mar 2023*

* Conducted in-depth data analysis on diverse data sets to inform strategic decision-making.
* Developed interactive data visualizations using Tableau and Qlik for senior management presentations, resulting in a 15% increase in data-driven decision-making.
* Implemented machine learning algorithms like linear & logistic regression, decision tree, K-Nearest with Python and increased user selection by 30%.

**ANALYTICS INTEGRATION LEAD – Control Tower, GLOBAL SUPPLY CHAIN,** Schneider Electric, Singapore**,** *Jan 2020– Dec 2022*

* Led integration of Transport Control Tower (TCT), previously developed as a Logistics Analyst into End-to-End Control Tower data architecture, resulting in a 30% increase in operational efficiency, saving $2 million annually.
* Collaborated globally, conducting 30+ workshops to gather user requirements, identified process improvements, and developed project scope, roadmap, and timelines.
* Proactively addressed issues and delays, promptly communicating with stakeholders to modify scope or adjust timelines as needed.
* Coordinated closely with the development team to seamlessly integrate transport data, requirements, and functionalities into the architecture.
* Managed and maintained previously designed Tableau dashboards for business needs providing immediate access to reports, data for users thus reducing their reporting needs by 40%, saving man hours.
* Successfully migrated the Transport Control Tower architecture to AWS cloud environment, enhancing performance for over 1,000 users without any business disruption within just six months from an estimated 2 years.
* Demonstrated strong leadership by overcoming initial resistance for a project by demonstrating the benefits of the migration, including improvements, long-term sustainability, and cost savings, saving $1 million in project costs.

**LOGISTICS ANALYST – Control Tower, GLOBAL SUPPLY CHAIN,** Schneider Electric, Singapore, *July 2017– December 2019*

Architected and Implemented a State-of-the-Art Transport Control Tower (TCT) transforming logistics operations and providing real-time visibility on shipments.

* As the sole architect and developer, led data cleaning, gathering, processing, transformation, and visualization by conceiving, designing and executing the entire TCT framework from the ground up.
* Engineered a centralized data pipeline that amalgamated 20+ forwarders' data in various formats (e.g., Excel, CSV) every 2 hours, ensuring consistency and accuracy.
* Established SQL-based data storage, accumulating over 100 million records, effectively creating a single source of truth for users.
* Automated Control Tower processes with 20+ ETL-Alteryx workflows, reducing manual intervention by 70% and ensuring data availability by maintaining data quality.
* Designed and published more than 100 interactive Tableau dashboards, elevating industry standards for tracking shipments and KPI measurements.
* Collaborated seamlessly with cross-functional teams for implementation and feedback, demonstrating exceptional teamwork and communication skills.

**INTERN-CONTROL TOWER – GLOBAL SUPPLY CHAIN,** Schneider Electric, Singapore**,** *Feb 2017 – June 2017*

* Collaborated with transporters to integrate data and harmonize information, demonstrating effective communication and teamwork.
* Designed dashboards for Transportation KPIs based on user requests, showcasing a user-centric approach and responsiveness.

**LOGISTICS ENGINEER – NETWORK SOLUTION,** Expeditors International (India) Pvt. Ltd,India**,** *Aug 2014 – June 2016*

* Led Supply Chain projects to enhance performance parameters, including data collection and modelling.
* Built Baseline-Scenario & Alternative-scenarios models using Optimization & Simulation techniques.
* Created network visualizations using Tableau.

***Health and Family Leave (April 2023 - Present):***

* Focused on personal well-being and family responsibilities, and maintained professional growth by enhancing skills in data visualization, coding (Tableau, GitHub), and self-guided learning.
* Demonstrated resilience, adaptability, and commitment to continued professional development during this time, now eager to bring these strengths back to the workforce.

***EDUCATION***

**MASTERS OF SCIENCE IN SUPPLY CHAIN MANAGEMENT,** National University of Singapore, Singapore**,** *June 2017*

**BACHELOR OF ENGINEERING IN INDUSTRIAL ENGINEERING,** College Of Engineering, Anna University,India**,** *May 2014*

***SKILLS***

* SQL, Tableau, Alteryx, Python, Excel, Power BI, Excel (Pivot tables and VLOOKUP)
* Data Analysis, Data Integration, Data Visualization, Business Reporting, Data Crunching
* Soft Skills: Critical thinking, Project management, Digital Transformation, Agile PM, Communication, Leadership, teamwork, efficiency, Change Management

***CERTIFICATION***

* “CS50's Introduction to Computer Science” in edX by Harvard
* “Supply Chain Fundamentals” in edX by MIT