

## **EDUCATION**

**Master of Science** in Business Analytics, Wichita State University, Kansas.

**Aug 2023**

**Bachelor of Engineering** in Computer Science, Visvesvaraya Technological University (VTU), India

**June 2017**

**Relevant Coursework:** Predictive Modeling and Machine Learning, Data Analysis and Visualization, Database Management and SQL, Business Intelligence and Reporting, Statistical Analysis and Hypothesis Testing, Project Management, Advanced Business Analytics, Data Mining, ERP: Enterprise Resource Planning

## **CERTIFICATION**

[AWS Certified Cloud Practitioner](#)

**October 2023**

Amazon Web Services (AWS)

## **SKILLS**

- **Technical Skills:** Python, SQL, R, Java, Excel (Pivot Tables, VBA), SQL Server, Regression, Hypothesis Testing, Matplotlib, Seaborn, Tableau, Power BI, MS Project, Rest API, XML, JSON, GIT, CI/CD Pipeline Automation (Jenkins, GIT, Control-M), AWS, Azure, GCP Development, Hadoop Distributed Frameworks.

## **WORK EXPERIENCE**

**Western Digital, Bangalore India – Automation Engineer | Analyst**

**Jan 2019 - Dec 2021**

- Automated 300+ Python-Selenium test cases for the in-house "test launch application" on NVMe drives, resulting in a 95% reduction in manual intervention.
- Improved automation efficiency by integrating Katalon-Groovy, Maven, and failure analysis tools, reducing test execution time by 30%.
- Efficiently handle SQL, Hive, SparkSQL and competent in NLP techniques and implementing Explainable AI methodologies.
- Conducted data analysis using Tableau and Power BI to ensure seamless functionality of new features, contributing to a 98% defect-free release rate.
- Utilized advanced data analytics techniques, including data mining and machine learning, to identify critical issues before deployment.
- Demonstrated expertise in performance analysis and optimization with Jenkins & JMeter, conducting root cause analysis and stress-testing critical applications for over 5,000 NVMe drive launches without performance degradation.

**Nth Dimenzion, Bangalore, India – Junior Data Analyst**

**Jan 2018 – Dec 2018**

- Enhanced ERP system data quality by collaborating with cross-functional teams to address data issues, leading to a significant improvement in data reliability and accuracy.
- Designed and implemented data visualization solutions, resulting in a 15% increase in data accessibility for ERP users, making data reporting more accessible and actionable. Interpreted data with Redshift, Oracle and NoSQL.
- Ensured data integrity within ERP databases through comprehensive data validation and cleansing processes, achieving a 95% error-free data set and providing timely data support to end-users, contributing to a 90% reduction in reported data issues and optimizing ERP system performance.

## **ACADEMIC PROJECTS**

- Capstone Project:
  - Enhanced Freddy's USA efficiency by 15% through data analysis and ML implementation.
- [Brain Stroke Prediction:](#)
  - Developed highly accurate (85%) predictive models for early stroke detection.
- Hosting a Live Concert Event (Project Management):
  - Successfully led the team and managed the process for hosting a live concert event on campus, meeting all project milestones on time and within budget.
- [Tableau Electricity Analysis:](#)
  - Identified consumption patterns, leading to a 5% reduction in energy costs for Texas businesses.
- [Stock Market Analysis:](#)
  - Conducted real-time analysis, identifying high-potential stocks outperforming market averages by 12%.