

NAME

LinkedIn URL | Phone Number | Email Address

EDUCATION

Master of Science in Business Analytics and Project Management University of Connecticut, School of Business – Hartford, CT	May 2022 GPA 3.97/4.00
Bachelor of Engineering, Electronics and Communication Medicaps Institute of Technology and Management, RGPV – Indore, India	June 2015 GPA 3.84/4.00

TECHNICAL SKILLS

Languages: Python (Pandas, NumPy, Seaborn, Scikit-Learn, Matplotlib, NLTK), R, Selenium with C#, Shell Scripting (UNIX, Linux)

Databases: MySQL, Oracle, Snowflake, SQL Server, Postgres

Tools: Tableau, Microsoft PowerBI, JMP, SAS Studio, SAS Enterprise Miner, Jenkins, Jira, GitLab, MS Project, Advanced Excel (VBA), Google Analytics, Hadoop, Hive, Pig, Sqoop

Analytical Skills: Exploratory Data Analysis, Root Cause Analysis, Predictive Modeling, Data Visualization, Text Mining, Time Series Forecasting, Big Data Analytics, Model Optimization, Hypothesis Testing, NLP, Agile, Swimlane, Gantt Chart, ETL, A/B Testing

Cloud Environment: AWS, Google Cloud Platform, Big Query

RELATED WORK EXPERIENCE

University of Connecticut – Hartford, CT | Graduate Teaching Assistant **January 2022 – Present**

- Assist Dr. David Wanik in implementing learning experiences and mentoring students for data science using Python

Express Script Cigna Insurance (Capstone) – Hartford, CT | Data Analyst **August 2021 – December 2021**

- Analyzed and modeled incident management data that enhances customer experience through predictive modeling to aid in the identification of incidents that can be managed and acted upon in real-time and boost incident routing accuracy and time to engage, utilizing Python, Tableau, and NLP languages and tools

Xoriant Solutions Pvt. Lmt. – Pune, India | Sr. Software Engineer **August 2018 – January 2021**

- Managed a geographically distributed team as a Scrum Master, analyzing business requirement documents, developing test strategies, and automating test scripts utilizing C#, Selenium, and Agile tools
- Acquired new client by developing a proof of concept for data migration from MySQL to Snowflake in Python
- Studied impact and conducted root cause analysis to develop defect tracking repository decreasing repetitive defects by 20%
- Designed database model to archive test execution results and create reports using Tableau to evaluate the performance of automated test cases by identifying unstable test cases and reduced the execution time by 18%

Amdocs – Pune, India | Quality Assurance Analyst **July 2015 – June 2018**

- Collaborated with cross-functional stakeholders to deliver high-quality customer service software for contract renewal
- Operationalized the generation of bulk test data in under 5 minutes using Unix, Bash, and scripting
- Developed SQL scripts to validate test data resulting in 30% decrease in data validation defects
- Reduced 2 hours of manual effort by implementing CI/CD through automating daily build processes
- Fabricated dashboards that can track real-time updates of automated runs through PowerBI and APIs

DATA ANALYTICS PROJECTS

Potoo Data Challenge – MS Excel | SAS Enterprise Miner | Python | Tableau

- Modeled XGBoost Classifier to predict the sales velocity of Amazon's top-ranked products to help optimize online portfolios
- Provided pivotal seller insights through creative dashboards and data-driven decision-making

Apple Stock Price Forecasting – Time Series Forecasting | SAS Enterprise Miner | MS Excel | Tableau

- Forecasted prices by performing time series exploration using an ARIMA model with a MAPE of 2.72% and RMSE of 0.15
- Evaluated prices and stock indicators to highlight insights, trends, and implications through dashboards

Walmart Sales Prediction – Sales Analysis and Predictive Modelling | Python | R

- Predicted weekly sales and analyzed factors affecting sales using linear regression, KNN, Decision Tree, Random Forest, and XGBoost models with accuracy of 91.8%

Distilled Water Management System – Data Management and Business Process Modeling | MS Visio | Oracle SQL

- Created a database model to incorporate feedback and delivery management in the legacy process
- Prepared reports that help identify target areas of business expansion and optimize plant efficiency

Airbnb Rating Analysis – Sentiment Analysis | Python | JMP | MS Excel

- Performed exploratory data analytics and feature selection on Airbnb rating data to build classification models that determine the factors to having a high impact on ratings, achieving 89% model accuracy