



EDUCATION

MS in Information Management, Certificate of Advanced Studies in Data Science |Syracuse University, NY

Aug 18-May 20

Relevant Courses: Data Science, Data Analytics, DB Management, Global Financial System Architecture, Data Decisions, Lean Six Sigma, Risk Management, Strategic Management

GPA: 3.82

BE in Computer Engineering | KJSomaiya College of Engineering, Mumbai, India

Jul 13-May 17

Relevant Courses: Distributed Database, Data Warehouse, Mining, Data Structures, Artificial Intelligence, Advanced Algorithms, Cloud Computing

GPA: 3.5

TECHNICAL KNOWLEDGE

- Machine Learning Models:** Linear Regression, KNN, Naïve Bayes, Decision Tree, Logistic Regression, SVM, Random Forest, K-Means, GBM
- Programming Languages:** Python, SQL, R, T-SQL, PL-SQL, Java, C
- Data Engineering Tools:** SQL Server, Oracle, MySQL, PostgreSQL, Apache Spark, Hadoop, Pig
- BI and Statistical Tools:** Excel, Minitab, NumPy, Pandas, Matplotlib, Caret, Google Analytics, SSIS, SAS, SSRS, SAP BI
- Visualization Tools:** Tableau, Power BI, Zoomdata
- Certification:** Microsoft Certified for Administering MS SQL Server, Microsoft Office Specialist Excel 2016, Data Science and ML with Python

EXPERIENCE

Data and Reporting Analyst | FireEye, Milpitas, CA

May 19–Nov 19

- Improved project delivery time by 99.8% by automating HR Engagement Survey Process and analyzing it to assist the Executives with decision making
- Built an interface for the Finance team for predicting Annual Contract Value sourcing the information from various sources including Azure and Oracle EBS, modeling it for reporting and then finally building a Power BI dashboard to facilitate end user reporting
- Optimized and created a frictionless experience for tracking of real-time Sales-Order lifecycle by building a dashboard for Sales team.

Data Analyst | iConsult, Syracuse, U.S.

Dec 18-Sep 19

- Elicited requirements and devised solutions using data preprocessing, feature extraction and statistical analysis to build an integrated solution
- Enhanced user decision making through business intelligence by successfully interpreting data improving data infrastructure
- Reduced human error by 67% by strategizing and automating system using SQL Server and Access to solve data storage problems

Graduate Data Engineer | Reliance Industries Ltd, Mumbai, India

Jul 17-May 18

- Modeled and maintained database for Compliance Management System (RCMS) using MSSQL to ensure user-role authentication
- Optimized the data view that enhanced overall performance by 42% with the creation of Tableau interactive KPI dashboards utilizing the data imported from Big Data using Sqoop and Hive

ACADEMIC PROJECTS

Data Analyst for Predicting Disease Spread | R, R Markdown, RShiny, Machine Learning, Data Mining Algorithm

Mar 19-Apr 19

- Analyzed data using Classification Models, Association Rules, Decision Tree, Cluster Analysis to predict dengue cases
- Improved accuracy rate to 90% by investigating and fine-tuning data records using descriptive statistics and data mining algorithms

Lean Six Sigma Consultant, Byrne Dairy for Defect Reduction | DMAIC, Lean Six Methodologies, Minitab

Jan 19-May 19

- Conserved almost \$1.5 million/year by identifying, defined, and calculated the business re-engineering plans with quality improvement
- Consulted solutions using Minitab to reduce manufacturing defects by 2%, helping the client

Analyst for Airline Customer Satisfaction | R, Classification Algorithms, Association Rule, SVM, Decision Tree

Sep 18-Dec 18

- Examined 1.4M data records, performed data mining and cleaning using R to alleviate customer experience and increase NPS
- Conducted linear modelling to understand and visualize business data dependencies and classify data points in the dataset
- Demonstrated accuracy of 87% by maximizing prediction using supervised - unsupervised learning

Database Administrator for Global Carbon Emission | SQL Server, MS Access, MS Visio, Triggers, Forms, Reports

Oct 18-Dec 18

- Emphasized different kinds of harmful gasses present and their effects along with corresponding countries
- Created actionable, visual mash-ups that combined rich Visio diagrams with MS Access to understand entity relationship
- Delivered an Open-source platform which provides solutions based on reports generated from data querying

PAPERS PUBLISHED

Donna: A Web-Based AI Personal Assistance | Journal IJCA (<https://goo.gl/XqSrej>, doi-> 10.5120/ijca2017915610).

Oct 17

- Developed a personal assistant that allows user to get their daily tasks and upcoming schedules fixed with ease
- Implemented a web-based interface involving features like chat-bot, text-to-speech with an ability to scheduling meetings and managing tasks

AWARDS, LEADERSHIP AND RECOGNITION

- Community Engagement Manager** for Nanhi Kali **Apr 19-Present**
- Teaching Assistant** for Database Management at Syracuse University for a class of 30 students **Jan 19-Jun 19**
- Awards at Reliance Industries Ltd:** Certificate of Excellence: Game Changer, Work appreciation letter **Jul 17-May 18**
- Creative Head** at MakerMela handling a team of over 200 people **May 15–Oct 15**