



EDUCATION

MS in Information Management, Certificate of Advanced Studies in Data Science | Syracuse University, NY
Relevant Courses: Data Science, Data Analytics, Database Management, Lean Six Sigma, Project Management

Aug 18-May 20

GPA: 3.83

BE in Computer Engineering | KJ Somaiya College of Engineering, Mumbai, India

Jul 13-May 17

Relevant Courses: Distributed Database, Data warehouse, Data Structures, Artificial Intelligence

GPA: 3.5



EXPERIENCE

Data and Reporting Analyst | FireEye, Milpitas, CA

May 19 – Present

- Building a dashboard for Finance teams to track the customer lifecycle - from opportunities to revenue recognition at quarter end
- 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.

Data Analyst | iConsult, Syracuse, U.S.

Dec 18-Present

- Elicited requirements and devised solutions using data preprocessing, feature extraction and statistical analysis to build a system that fit the user needs of an integrated solution
- Designed solutions by successfully interpreting data improving data infrastructure & business intelligence that support decision making
- Strategized and automated system using SQL Server and Access to solve data storage problems reducing human error by 67%

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
- Awards: Certificate of Excellence: Game Changer, Work appreciation letter



ACADEMIC PROJECTS

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

Mar 19-Present

- Analyzing data expected using Classification Models, Association Rules, Decision Tree, Cluster Analysis to predict dengue cases
- Investigating and fine-tuning data records using descriptive statistics and data mining algorithms to improve accuracy rate

Lean Six Sigma Consultant for Defect Reduction | DMAIC, Lean Six Methodologies, MiniTab

Jan 19-Present

- Identified, defined, and calculated the business re-engineering plans to serve the Byrne Dairy respect to quality improvement
- Consulted solutions using MiniTab to reduce manufacturing defects by 2%, helping them conserve almost \$1.5 million/year

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
- Maximized prediction using supervised - unsupervised learning and demonstrated accuracy of 87%

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



TECHNICAL KNOWLEDGE

- **Data Engineering Tools:** SQL Server, Oracle, MySQL, PostgreSQL, Apache Spark, Hadoop, Pig
- **Programming Languages:** Python, SQL, R, T-SQL, PL-SQL, Java, C
- **Machine Learning Models:** Linear Regression, KNN, Naïve Bayes, Logistic Regression, SVM, Random Forest, K-Means
- **BI and Statistical Tools:** Excel, Minitab, NumPy, Pandas, Matplotlib, Caret, 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 S and ML with Python



PAPERS PUBLISHED

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

Oct 17

- Developed a personal assistant that can be used by the anyone to get their daily tasks and upcoming schedules fixed with ease
- Implemented a web-based interface involving features like chat-bot, text-to-speech, scheduling meetings and managing tasks



LEADERSHIP

- **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-Present**
- **Creative Head** at MakerMela handling a team of over 200 people **May 15-Oct 15**