

# Kaushik Songarwala

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## EDUCATION

### Stevens Institute of Technology

Hoboken, NJ

Master of Science, Information Systems (GPA: 3.7)

May.2023

- **Coursework:** Data Management, Financial decision making, Marketing Analytics, Web Mining, Project management, Business Intelligence & Data Integration, Data Analytics & Machine learning

### University of Mumbai

Mumbai, India

Bachelor of Engineering, Computer Engineering

Jun.2019

## WORK EXPERIENCE

### Simple Logic IT Pvt Ltd

Mumbai, India

Application Software Engineer- Ambit Pvt Ltd

Apr.2021 – Jul.2021

- Developed and executed effective PLSQL coding strategies to optimize database performance, resulting in a 30% reduction in application response times
- Collaborated with cross-functional teams to design and implement innovative database solutions which increased data accessibility by 40%, contributing to a more efficient workflow
- Implemented advanced database monitoring and performance tuning techniques, resulting in a 50% reduction in query execution time and improved system response time for end users
- Maintained and updated database objects including Tables, Views, Joins, Procedures with 98% accuracy, ensuring seamless data integration across multiple systems

### Testnaka

Mumbai, India

Software Test Engineer

Dec.2020 – Apr.2021

- Identified and resolved 90% of all software bugs and errors on company website [www.testnaka.com](http://www.testnaka.com), resulting in a significant reduction in customer complaints
- Conducted rigorous testing for deployment of new features on the website to ensure a seamless user experience, leading to an increase in user retention by 30%
- Recommended updates to software design, resulting in a 40% reduction in bugs identified during testing and an increase in overall product quality
- Enhanced an existing project's efficiency by increasing unit test code coverage by 20%

## ACADEMIC PROJECTS

### HR Analytics Dashboard

- Streamlined reporting processes by designing and integrating Tableau dashboards into daily operations, reducing report generation time by 75%
- Developed dashboards utilizing Human Resources Excel data, resulting in a 40% increase in efficiency

### Best Streaming Service Analysis

- Utilized NumPy and Pandas to perform data analysis on over 500 movies from IMDB and Rotten Tomatoes
- Created visually appealing scatter plots and violin charts using Plotly to effectively display the analyzed data, leading to improved presentation of findings for project

### IPL 2022 season Analysis using Python

- Conducted thorough analysis of cricket match data, including top run scorers and wicket-takers
- Created interactive visualizations using stacked bar charts to display the proportional breakdown of wicket-takers by bowling style, revealing insights into the strengths and weaknesses of opposing teams

### Bankruptcy prediction using Data Mining

- Collaborated with a team of 3 members to identify areas for continuous improvement within group project
- Demonstrated thorough data analysis utilizing summary statistics, correlation matrix, bankruptcy prediction models, and accuracy graph analysis resulting in a 15% increase in project accuracy

## SKILLS

SQL, Python, PLSQL, R, MySQL, Data Analysis, Data Pipelines, Oracle 12c/11g, PostgreSQL, Critical and Analytical thinking, Communication, Problem solving, RStudio, Jupyter, Erwin Data Modeler, Tableau, Microsoft Word, Excel, PowerPoint, Sheets, Machine Learning, Pandas, NumPy, Matplotlib, Data modeling, Plotly, Sklearn, Business Intelligence & Analysis (Udemy), Google Data Analytics professional by Coursera