

SONALI GURNASINGHANI

929-624-7186 | New Jersey, 07306 | sonaligurnasinghani@gmail.com | [linkedin.com/in/sonaligurnasinghani/](https://www.linkedin.com/in/sonaligurnasinghani/)
(Tableau Profile: [tableau.com/profile/sonali7984](https://www.tableau.com/profile/sonali7984))

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems
Master of Science (MS) in Information System | GPA: 3.6

New York NY
May 2019

University of Mumbai
Post Graduate Diploma in Financial Management | Percentage: 83%
Master (M.com) of Commerce | Minor: Management | Percentage: 70%

Mumbai, India
June 2016
June 2015

V.E.S College of Arts Science and Commerce, University of Mumbai
Bachelor of Management Studies (BMS) | Minor: Finance | Percentage: 70%

Mumbai, India
June 2013

RELATED COURSES

DBMS | Database Web and Development | Database Warehousing, Mining and Visualization | IS Design and Development | IS Project and Change Management | UI/UX | Marketing Research | Bigdata | Visual Design to Technology

TECHNICAL SKILLS

Programming Skills:	SQL, Java, R Programming
Statistical and Analytical Tool:	Tableau, Microsoft Power BI, SPSS, Microsoft Excel, Google Analytics
Database:	MySQL, Oracle 11g, Microsoft SQL Server
Tools:	JIRA, MS VISIO, Rational Rose, Microsoft Office, Confluence
Methodology:	Agile, Scrum, SDLC
Certification:	Fundamentals of Visualization with Tableau, Agile Scrum Training

WORK EXPERIENCE

Konark Urban Co-operative Bank Ltd.

Mumbai India

Analyst

Oct 2014-May 2017

- Collaborated with stakeholders to gather requirements, analyzed them to create UML diagrams Use Cases, Work Flows, Flow Charts, Sequence diagrams, Activity diagrams and Business Case models after accessing the scope and status of the project
- Created JIRA stories and tasks to enable developers to follow a project plan and understand case requirements
- Developed and maintained SQL scripts and modified database schema which increased efficiency up-to 25%
- Documented and created Business Requirement document (BRD) and Functional Requirement document and maintained the Requirement Traceability Matrix (RTM) related documents to improve efficiency of the project
- Worked in a Scrum team environment and participated in backlog review and Sprint planning sessions, following Agile methodology
- Designed excel templates using advanced excel functions (Pivot table, VLOOKUP, Charts, Analysis, Power view, VBA & Macros)

PROJECTS

Global Super Store Analysis (Tableau Profile: [tableau.com/profile/sonali7984](https://www.tableau.com/profile/sonali7984))

- Utilized Tableau for data exploration to understand dive deeper into the data and look for patterns and created dashboard reports on how different markets affect various customer segments
- Identified strong regions and products which increased sales by 30% and overall profit by \$2M.

GNVIC – HR System (Microsoft Project)

- Built charter using MS Project and Visio by defining goals, objectives, assumptions, and risks to improve systems
- Evaluated a project plan by establishing a Work Break Down Structure to estimate budget

Black Friday Data Analysis Using R and Tableau

- Performed data cleaning, imputed missing values, normalization and scaling to create a concise and clean dataset using R
- Implemented K-means clustering analysis to find the optimal number of clusters. Integrated R model with Tableau and visualized which cluster ensures higher probability of survival. Achieved an accuracy of 81.9% | libraries: Tidy verse, gg plot

E-Pass Mobile App

- Conducted research and created personas, user-flows, scenarios, wireframes numerous prototypes of varying fidelity for usability testing and findings
- Designed and developed a mobile application for user with the help of Sketch and OmniGraffle

ACTIVITIES

Talentia V.E.S College Arts Science and Commerce, Core Committee Member, Dec 2012 | **Public Relationship Head**, Dec 2011
Confluence V.E.S College Arts Science and Commerce, Public Relationship Head