

SUMMARY OF QUALIFICATIONS

- Experience with handling Data pipeline development and delivering BI solutions to clients in finance domain.
- 3 years of Full-fledged software development experience in the Finance Vertical catering to critical problem solving.
- Technical expertise: R, Python, SQL, SSIS, Hadoop, Map Reduce, Hive, ETL, HTML, JS, Tableau, Power BI.
- Academic Interests and Projects: Business Intelligence, Statistical Analysis, Predictive Modelling, Data Analytics, Data Visualization.
- Passionate about data driven business decision making, result oriented and possess excellent analytical skills.

EDUCATION

University of Washington, Information School, Seattle, WA
Master of Science in Information Management, GPA – 3.74/4.0

June 2017

University of Mumbai, Mumbai, India
Bachelor of Technology in Electrical Engineering, GPA – 3.6/4.0

May 2012

PROFESSIONAL EXPERIENCE

Annik Inc. (Microsoft) – Bellevue, Washington

June 2016 - Present

Data & Business Intelligence (Intern)

- Designed and in process of implementing a Data Warehouse (ETL process) for financial reporting through Power BI tool.
- Created Monthly and Quarterly Business Review Reports using SSIS package and Power BI as front end.
- Created SQL Views and automated Backup and Restore jobs to handle Business Continuity.
- Cleansed HR data for building Power BI visualizations depicting key metrics for Data Quality Analysis.
- Managed Metadata for Microsoft Sales vertical, through interaction with clients, resolving more than 75 Service Requests.

Bank of America - BA Continuum India Pvt. Ltd. (BACI) Mumbai, India

July 2012 - June 2015

Senior Software Engineer

Feb 2015 - June 2015

- Responsible for developing key product features and collaborating with cross-functional teams to identify opportunities.
- Developed best utility Interface for downstream system collaborating with global counterparts to isolate gaps and loopholes.
- Increased trade breaks identification by 40%, reduced person-hours by 15 hours/week, prior monetary losses reduced to 0.
- Designed and implemented an application that triggered automated jobs to run on book availability basis for more than 100 Books scattered across five different locations on UNIX machines.

Senior Tech. Associate

July 2012 - Jan 2015

- Single handedly managed project of Liquidity Risk Report and directed it towards successful implementation.
- Created automated tool to reconcile risk reports containing more than 50k records, leading to faster isolation of errors.

ACADEMIC PROJECTS

Model Representation, Evaluation and Optimization

Feb 2017

- Analyzed datasets from different domains like [Loan Lending](#), Crimes in USA and Social initiatives like [Progresa](#) from Mexico.
- Analysis involved data exploration, data preparation, model representation (linear regression, logistic regression and trees), evaluation (R squared, Residual plots, ROC and AUC) and optimization (subset selection, regularization, dimension reduction).
- Implemented Machine learning concepts – KNN, K-fold Cross validation.

Dominick's Finer Foods Data warehouse and Business Intelligence ([Project Link](#))

Jan 2017

- Scoped out project according to time line and identified business and technical drivers for the project.
- Envisioned end-to-end Data warehouse and Business Intelligence Architecture combining different data marts.
- Implemented stage-by-stage process of cleaning data, designing business questions, ETL and Reporting.

Data Exploration, Data Wrangling, Probability Analysis and Interactive Applications

Dec 2016

- Using R and Pandas, worked on multiple [open source Datasets](#), cleaning, exploring, wrangling and statistically analyzing data.
- Performed Sampling, Hypothesis testing, Conditional Probability/Bayes theorem analysis and Simple Regression analysis ([Link](#)).
- Developed an interactive [Shiny App in R](#), which helped answer Research questions around Planes used in USA over the years.

Sales Data Analytics – SSIS, SSMS, Tableau

Aug 2016

- Built a Data warehouse for a Dummy Sales Company using ETL process.
- Analyzed Products sold by the company and developed a Tableau Dashboard to view Trends and Scope of improvement.
- Based on Analysis provided recommendations to increase sales & profit and market or discontinue specific product lines.

Data Visualization – D3.js, Tableau

June 2016

- Developed an explorable explanation for a physics concept, "[Projectile Motion](#)" in Java Script and D3.
- Exploratory Data Analysis about [Human Development Index](#) and [Literacy Rate in India](#), using Tableau.