VAIBHAV ANAND WALVEKAR

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SUMMARY OF QUALIFICATIONS

- 3 years of Full-fledged software development experience in the Finance Vertical catering to critical problem solving.
- Technical expertise: Python, SQL, SSIS, R language, HTML, CSS, JavaScript, Tableau, Power BI.
- Passionate about data driven business decision making and business intelligence.
- Excellent analytical skills and ability to simplify complex business problems for solution delivery.
- Experience working on independent open ended projects and working in dynamic fast paced environments.

EDUCATION

University of Washington, Information School, Seattle, WA   *June 2017*
Master of Science in Information Management, GPA – 3.74/4.0

University of Mumbai, Mumbai, India   *May 2012*
Bachelor of Technology in Electrical Engineering, GPA – 3.6/4.0

PROFESSIONAL EXPERIENCE

Annik Inc. (Microsoft)– Bellevue, Washington   *June 2016 - Present*
Data Analyst Intern

- Designed and in process of implementing a database for Financial reporting through Power BI tool.
- Created SQL Views and automated Backup and Restore jobs for Taxonomy database, which had more than 300 tables.
- 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 40 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 man hours by 15 hours/week, prior monetary losses reduced to 0.
- Wrote Python scripts to build a dynamic process to deliver Uncleared Market Risk (UMR) report for Derivative products.
- Designed and implemented an application that triggered automated jobs to run on book availability basis for more than 100
- books scattered across 5 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.
- Developed and enhanced important risk reports such as Credit Risk Report for Fixed income currency commodities.
- Created automated tool to reconcile risk reports containing more than 50k records, leading to faster isolation of errors.

ACADEMIC PROJECTS

1. *Multiple Open Source Dataset Analysis (Data Exploration, Data Wrangling and Statistical Analysis)*   *Oct 2016*
- Using R Language, worked on multiple open source Datasets, cleaning, exploring, wrangling and statistically analyzing data.
- Developed an interactive application (Shiny App) in R Language which helped answer Research questions around Planes used in USA over the years.

2. *Sales Data warehouse and Business Intelligence*   *June 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.

3. *Explorable Explanation using D3*   *Apr 2016*
- Developed an explorable explanation for a physics concept, "Projectile Motion" in Java Script and D3.
- The visualization provided user with text explanations while one was interactively involved in a game, helping learn in a fun way.

4. *Exploratory Data Analysis*   *Feb 2015*
- Performed exploratory data analysis on Human Development Index (HDI) of 180 countries to draw conclusions about which factors influence quality of life the most using Tableau. (Tableau Profile - https://public.tableau.com/profile/vaibhav.walvekar)
- Conclusion – Among 7 factors, Life expectancy at birth, Gender Inequality index and Gross income per person are the 3 differentiable factors which decide if a country is in very high, high, medium or low HDI index category.

5. *Hospital Database Management System*   *Dec 2015*
- Analyzed the day to day working of private hospitals and designed a suitable database model using normalization.
- Created a database using MS SQL Server, which efficiently handled relationships between all entities in hospital.