**APURVA SUKTHANKAR**

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**EDUCATION**

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| **Robert H. Smith School of Business, University of Maryland,** College Park, MD  **Master of Science,** Focus Area: Information Systems  **Student Ambassador :** Smith Master Student Association (SMSA)  **University of Mumbai,** Mumbai, Maharashtra  **Bachelor of Science,** Focus Area**:** Electronics and Telecommunication Engineering | Dec 2016 |
| May 2013 |

**PROFESSIONAL EXPERIENCE**

**OPTIMAL SOLUTIONS GROUP**

**Business Intelligence Intern**, College Park, MD June 2016 – Nov 2016

* Interpreted survey data from primary and secondary sources using statistics in Excel, R and STATA
* Reduced delivery time by cleaning, manipulating and analyzing 70 large datasets for USAID funded projects
* Performed extraction, transformation and loading (ETL) of data resulting in effective data management
* Conducted exploratory data analysis for KPIs providing insight to senior management to make decisions
* Verified the figures in documents received against the data by number crunching and statistics
* Presented solutions to managers to process the data to enhance operational effectiveness
* Customized the programming code according to the data and updated SOPs
* Prepared specifications document for a new tool by detailed requirement elicitation from business owners
* Provided frequent inputs to improve the reports generated using SQL Server Reporting Services (SSRS)
* Ensured quality of the packets to be delivered to client consisting of data, reports and supplementary reports
* Enhanced quality by performing end-to-end testing of all functionalities
* Successfully migrated data from Excel to in-house application (Revelo) with minimal supervision
* Successfully caught presence of Potential Identifiable Information (PII) twice in the data

**ACCENTURE**

**Associate Software Engineer,** India Nov 2013 – July 2015

* Independently handled the data scrubbing/cleaning tasks using T-SQL queries reducing redundancies by 20%
* Used advanced Excel functions to generate spreadsheets and pivot tables
* Designed and executed 60 test cases weekly to conduct functional, regression, DEV, SIT testing
* Performed in depth analysis of data and prepared weekly, biweekly, monthly reports using Ms Excel and SQL
* Created and maintained technical documentation for members to gain knowledge about the finance domain

**TECHNICAL SKILLS**

*Database and visualization:* SQL Management Studio, MS SSIS, Tableau

*Data Analysis:* Advanced MSExcel, @RISK Palisade tools, Excel StatTools, R, STATA

*Methodologies:* SDLC, Agile, Waterfall

*Testing Tools:* HP Quality Center, JIRA

*Tools:* Balsamiq, Lucid Chart, SharePoint, Salesforce.com

**RELEVANT PROJECTS**

* **Database Management Systems: Customer Care Center for a Bank:** Built a suite that contained a working IS package that included a graphical user interface built on CRM Tool - Salesforce, a database backend built on SQL Server 2012, and a set of transactional queries.
* **Data Mining and Predictive Analytics** - Yummly Kaggle Dataset: Handled huge volumes of classic text mining data comprising 1900+ ingredients to predict type of cuisine. Developed a series of R codes using various machine-learning algorithms to predict the category of a dish’s cuisine given a list of ingredients.
* **Big Data technologies:** The project involves analysis and visualization of dataset containing the Death records in the USA released by CDC using big data technologies and built dashboards in Tableau.
* **Business Process Analysis:** The project employed AGILE methodology. As a product owner, my role was to meet the client and gather requirements. It also involved presenting the client with the stories completed and getting feedback and implementing the project accordingly.
* **Project Management:**  Implemented various project management techniques such as Work-breakdown structure, gantt charts and risk management to ensure smooth execution of an event at the library.