

Arunkumar Navaneethan

arunkumar.navaneethan@theriim.com

480-999-0149

<http://arunethan.com>



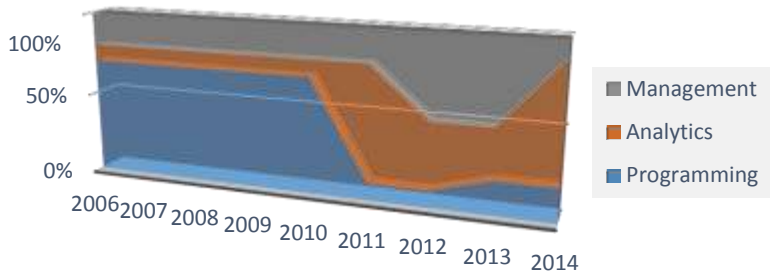
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Hands on Business Intelligence experience in Tableau, Microstrategy, OBIEE, Spotfire, gephi, google visualization API, Rapid miner, weka, SPSS tools. Worked in database systems like Oracle, DB2, MYSQL and SQL Server. Strong programming background in JAVA and J2EE. Managed IT/IS projects in financial, health care and academic environments. Practical understanding of API's, social media analytics, data warehouse and OLAP concepts.

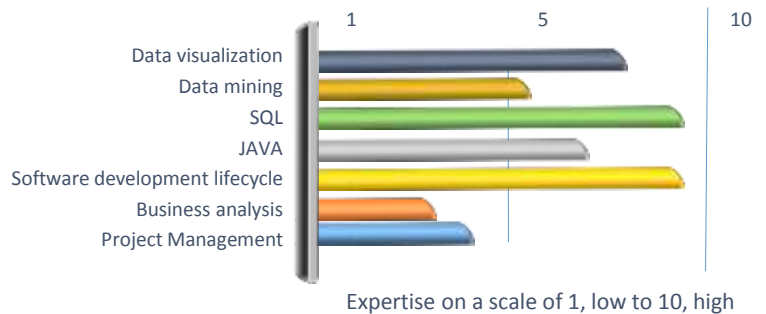
- Passionate about analytics and data visualization
- Thrives the challenge of working in cross-functional projects
- Demonstrated high team spirit and leadership ability

% effort across years

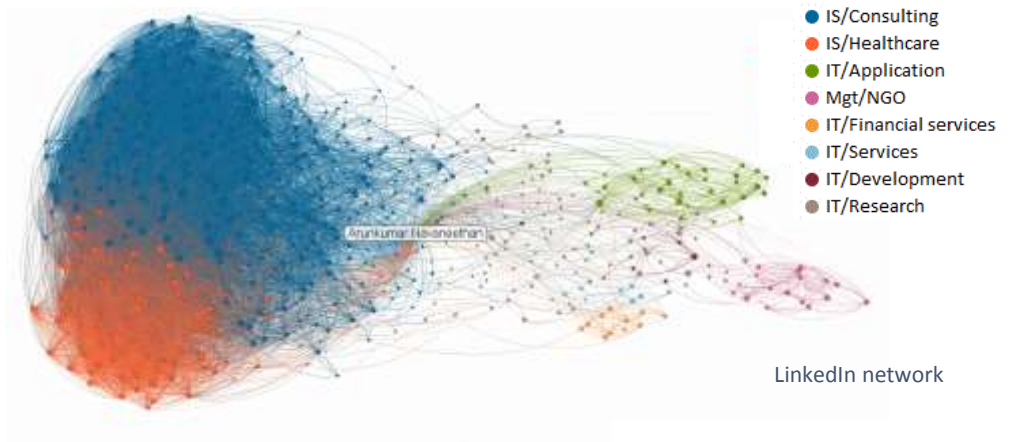


Strong foundation in technology, analytics and good understanding of project management

Zeal to learn and excel in new technology by business requirement



Expertise on a scale of 1, low to 10, high



Exhibits excellent social skills and networking abilities

LinkedIn network

Jan 14 - Present

Portfolio management application

- Gathered and analyzed requirements for a portfolio management system following an iterative development approach
- Created an OLTP in MySQL and star schema, OLAP for the data warehouse, followed the standard design convention
- The OLAP was created accommodating slowly changing dimensions recording historical data of employees and time stamped status of project information
- Create facts and dimension table in MYSQL using complex SQL join statements on the OLTP tables
- The dimensions and facts are created with indexes on foreign keys to enhance query performances
- Created a view of the MYSQL data and the data extracts were loaded to the tableau server for query performance
- Created calculated fields to find the margin based on the revenue gained and expense incurred
- Structured the data as hierarchies with portfolio as the highest level followed by application and project details
- Created groups for the application data to do category based analysis of the data
- Created sets to display project data based on conditions like the top 3 projects for the given portfolio
- Created parameters to set working hours goals by checking if the working hours is more than a certain definite average
- Created animated visualization to understand the growth of margin with respect to revenue and expense over time using the pages card
- Created symbol maps to understand the geo-spatial distribution of projects with custom symbols made to represent the application category
- Manually organized the dimensions and measures like moving the surrogate keys, date, descriptions, flags and categories as dimensions
- Customized the tooltips and text to end user understandable format, the numerical measure was changed to its appropriate formats like representing the revenue, expense and margins as currency values
- Created dashboards in Tableau to analyze the revenue, expense over various attributes of employee, project, time and location dimension
- The dashboard is built with floating objects and capitalizing the various dashboard features like URL, images, web integrations
- The portfolio data is represented as tree map based on the margin, the detailed application data is represented as column graph with highlight table distributing the margin across employee roles. The detailed cross tab data of each employee is provided to understand the underlying data across attributes
- Created the appropriate filter for project level and employee level data. The project level filter was single select and employee level filter was a wild card search
- Experimenting with social media analytics to provide application related data from twitter REST API and streaming API

Technology: Tableau, MYSQL

Sanofi (Contracted through University of Arizona)**Business Intelligence Consultant**

Jun 13 – Dec 13

Innovation management application

- Created an web application to manage innovation within the organization using spigit platform, interviewing cross-functional managers to create strawman system
- Explored all the functionalities the platform offers and capitalized the out of box features to match to business needs
- Created crowd sourcing challenges and configured the analytics platform to show real time trends of user actions and growth of idea under various categories
- The platform was configured to support social interaction over various idea postings and facilitate collaboration opportunities by allowing the users to form teams
- Configured the idea graduation based on system recorded metrics and for specific cases by defined business process for manual approval by system moderators
- Customized the application using JavaScript, cascading style sheets to accommodate addition business needs
- Reviewed in-house and external technology for an internal event management system, analyzing SharePoint content management system, denodos data virtualization abilities, integrate yammer for social media element of the system and internal text analytics tool managing journals

Technology: Sharepoint, Yammer, Denodo, internal Business Intelligence suites, Spigit

Inautix technologies, Bank of New York Mellon

Applications Developer

Jul 10 – Jul 12

WebSTP2 Application

- Developed new workflows, migrated and redesigned code from Java to Lombardi authoring environment. Created web services and connectors to integrate the application with external systems
- Handled change request, bug fixes, testing and test region code deployments. Lead the production support activities during the vendor transition and the internal group training sessions
- Customized the system modifying the XML, JS and CSS files to change the User interface, AJAX functionality and fine tuning the performance of the system. Used SQL connectors to write complex queries to extract data from oracle
- Involved actively throughout the software development life cycle; planning, requirement gathering end to end support. Individually managed the application documents, recorded progress

Technology: IBM Lombardi, J2EE, JAVA, Oracle SQL, MS Visio, CSS, XML, JS

Ideation Portal

- Identified best technology (IBM Lombardi Teamworks) to suit the business requirements. Interacted with stakeholders like client, business analyst, business process management architect and database architect. Developed a reporting tool; web user interface for internal users to share ideas for organizational improvement.
- Designed and implemented Business Process for reviewing, rating and implementation planning of these idea.
- Created reporting using Fusion charts API and parsed data from Oracle DB to JSON format using JAVA program

Technology: IBM Lombardi, J2EE, Oracle SQL

Global Transaction Management Application

- Monitored and raised issues for support in test environment and corrected system tasks in ZOS system. Updated existing DB2 SQL queries, JCL jobs, CICS screens and COBOL programs based on system correction request
- Participated in the business continuity drills; verifying availability of all systems and data sources

Technology: mainframes, DB2, COBOL, JCL

University of Arizona

Masters, Management Information System

Aug 13 – Dec 13

Social media analytics

- Followed a balance scorecard approach for metrics definition. Utilized the results to understand the online news agency industry
- Collected and pre-processed 1 Million+ twitter JSON data using the stream API into MYSQL database using JAVA. Carried out predictive and classification network analysis on the data using rapidminer

Technology: Tableau, Gephi (network visualization), Twitter API, DQ Analyzer, MYSQL, rapid miner

City Profiler

- Developed a JSP web application using the yahoo UI library which displayed content from various API data sources
- Processed the city data using data mining techniques and carried out sentiment analysis on the social media data in JAVA using the weka API

Technology: Pajek, Weka, (Data mining), Rapidminer, Google visualization API, J2EE, Amazon AWS, JAVA, Yahoo UI, YQL

Analysis of H1-B LCA Dataset

- Performed data preprocessing tasks such as Filter Attributes, Remove Missing values, creating generic date patterns on 50,000+ records with 23 attributes using rapid miner
- Performed Predictive analysis using classification (Decision Tree Algorithm, Naïve Bayes, SVM), clustering (K-means), Association Rule Mining and Network Analysis (Gephi)
- Performed descriptive analysis using MS SQL server for backend and Google Visualization API for front end
- Answered various business questions using the above approach

Technology: Gephi , Google visualization API, J2EE, MS SQL Server, Rapid miner, SPSS