

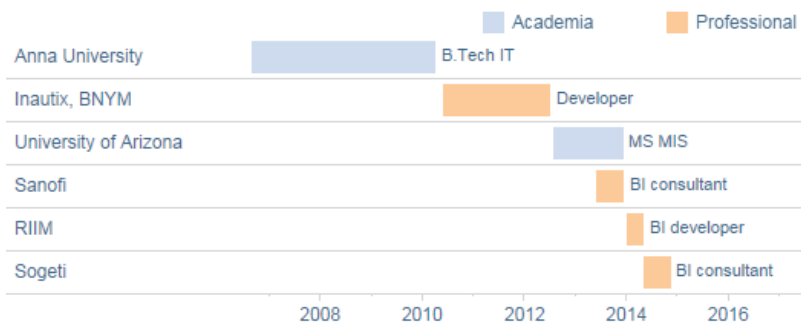
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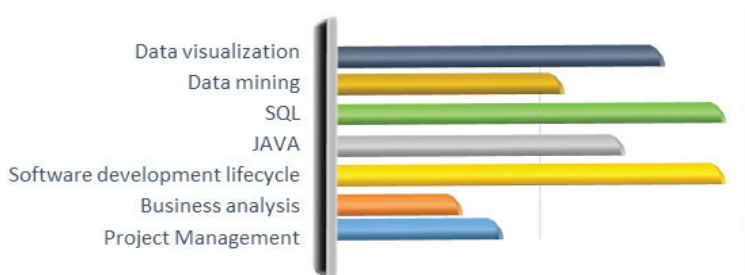
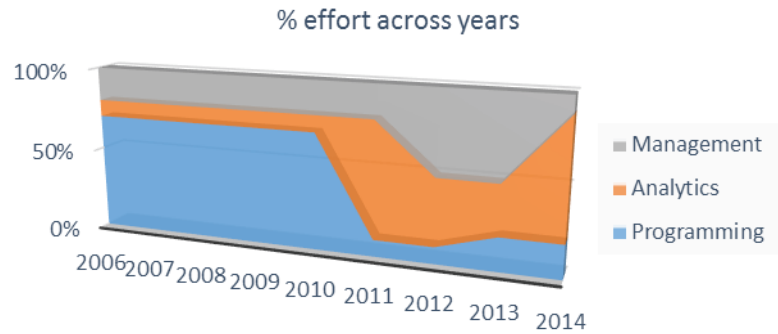


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<http://arunethan.com>



- Experienced in Business Intelligence applications like Tableau, Microstrategy, OBIEE, Spotfire, IBM Cognos
- Worked in database systems like Oracle, DB2, MYSQL and SQL Server
- Worked in financial services, insurance and pharma research domains
- Strong JAVA web development background
- Practical understanding of data warehouse and OLAP concepts

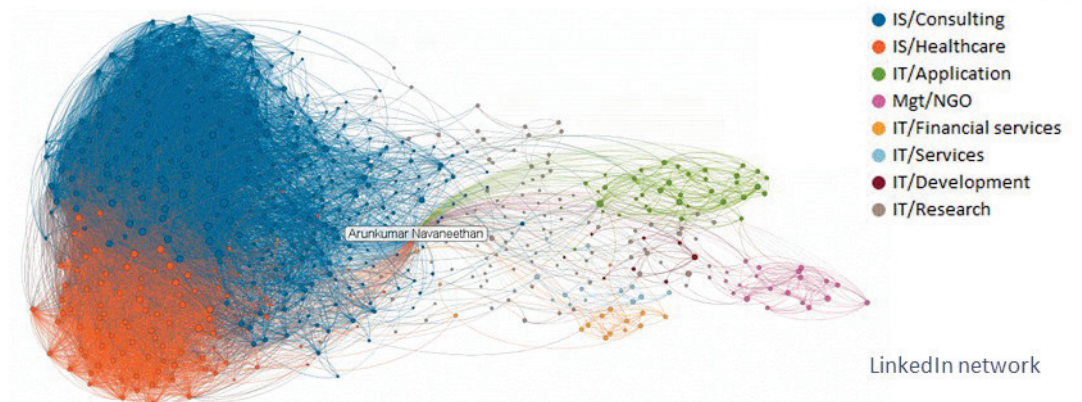
Strong foundation in technology, analytics and good understanding of project management



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

Zeal to learn and excel in new technology by business requirement

Large professional network
Regular blogger on Business Intelligence and enterprise innovation specific topics at <http://arunethan.com/>



LinkedIn network

- MS in Management Info Systems; University of Arizona; Eller College of Management; (12/2013)
- B.Tech in Info Technology; Anna University, Sri Sairam Engineering College; Chennai India; (4/2010)

Crestbrook, Nationwide Insurance (through Sogeti)
SQL Server, Report Management, Tableau, Master Data Management

Consultant, Business Information management
(May 2014 to Present)

- Rationalizing approaches to provide a single version of the truth for reporting and creating T-SQL, PL/SQL scripts to interface data between enterprise applications
- Developing reports in Tableau and Excel to support internal financial compliance and sales departments growth assessment
- Established close coordination with stakeholders to ensure the information management needs of business are met
- Evaluated the current Business Intelligence offerings and created a standardized approach for information delivery
- Supported power users and business stakeholders to use Tableau to its best analytical abilities and to build high performance reports
- Designed a self service platform in Tableau of the operational data for business users to access policy level data in the system, which will address the adhoc data needs of the business users (Average policy level adhoc request is 20 per month)
- Reduced the need of manually intervention by 80% using VBA macro excel automation for daily reports distribution
- Systemized audit trails for reports in production using integration packages of Microsoft SQL Server Integration Services
- Created help site for operational reporting, documenting 45+ data interface systems, 100+ tables and data entities as wiki pages in internal SharePoint application
- Created reusable validation tools in Tableau to verify policy information provided in reports using SQL Server before distribution to business users
- Formulated Tableau visual dashboards and scorecards to drive guided analysis for business users
- Identified high impact bugs (handling policy renewals, policy counts, hit ratio, query efficiency, logical errors) in the current reports and provided fixes
- Supported in successfully developing 20+ core reports for operational reporting before the planned deadline ensuring SLAs

American Realty Capital Properties (through RIIM)
SQL Server, Tableau, Microsoft Cubes, Dimensional modeling

Developer, Business Intelligence
(January 2014 to May 2014)

- Analyzing the transactional and dimensional data present in SQL server and Microsoft CUBE using Tableau to create standard reports for property management and internal strategy group
- Enhancing the reporting environments performance by reviewing the Microsoft Cube and Tableau server configuration
- Developed reporting system for property management, internal strategy research groups
- Utilized the Tableau JavaScript API to create a customized portal for the property management group
- Connected to Tableau Postgre SQL database to create customized interface for Tableau workbooks to provide native intranet style navigation
- Consulted on Tableau server performance enhancements; upgrades from version 8.0 to 8.1.5 and server reconfiguration based on workbook complexity and data extraction
- Customized the Tableau landing page with site listing as icons and descriptions
- Constructed the reports page for internal strategy group with standardized custom right and left side sections within Tableau
- Gathered reports requirement; collaborated with the business users using wireframe mockups
- Established governance policies and framework on self –service Tableau Desktop development
- Worked in close coordination with business administrators, infrastructure, server administrators and system architect responsible for the information management platforms

RIIM LLC

SQL Server, Tableau, Dimensional modeling

Developer, Business Intelligence

(January 2014 to May 2014)

- Designed the OLAP, star schema in MySQL; followed standard database design conventions
- Utilized complex SQL join statements to represent relationship between facts and dimensions
- Created OLAP accommodating slowly changing dimensions recording historical data of employees and time stamped status of project information
- Enhanced query performance by indexing foreign key fields
- Assembled the facts and dimensions tables as a single view in MySQL
- Generated data extracts in Tableau by connecting to the view using Tableau MySQL connector
- Configured data extraction by schedule, every business day at 6 am to enhance performance
- Organized dashboards in Tableau to analyze the revenue, expense over various attributes of employee, project, time and location dimension
- Built dashboards with floating objects and capitalizing the various dashboard actions features like URL, images, web integrations
- Structured the dashboard with a consistent layout with visuals chart at the top and corresponding crosstab data and the bottom
- Represented portfolio data as tree map based on the margin, detailed application data is represented as column graph with highlight table distributing margin across employee roles
- Created symbol maps to understand the geo-spatial distribution of projects with custom symbols made of represent the application category
- Customized the tooltips and labels, to user understandable format, the numerical measure was changed to its appropriate formats like representing the revenue, expense and margins as currency values
- Computed margins using calculated field following pre-defined business rules
- Implemented hierarchies in Tableau with Portfolio as the highest level followed by application and project details
- Generated groups for the application field to do category based analysis
- Implemented sets to display Top N projects based on business defined conditions in a portfolio
- Enforced parameters to analysis working hours goals using an certain definite average
- Utilized the pages cards to create animated visualizations to understand the growth of margin with respect to revenue and expense over time
- Modeled all the dashboards with appropriate filters for comprehensive analysis by portfolio, application and employee roles, timestamps and location

Sanofi (through University of Arizona)

Innovation management Application, SharePoint

Consultant, Information System Management

(June 2013 to December 2013)

- Interacted with cross functional managers from USA and Europe to create a web application to manage innovation within the organization using Spigit application platform
- Explored the functionalities of in-house data management and business intelligence applications, capitalized the out of the box features to match the business needs
- Pitched a proof of concept using technologies like SharePoint, Yammer, denodo data virtualization and in-house text analytics platform to manage internal events activities and engagements
- Created a web application to manage innovation within the organization using spigit platform, interviewing cross-functional managers to create straw-man 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
- Configured the platform 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

University of Arizona

Graduate student consultant, Information system management

MySQL, Oracle, Data mining, Social media analytics, Data visualization

(August 2013 to December 2013)

- Reviewed and enhanced the database system of the marketing department, updating the stored procedures, triggers, views of the Oracle DB system
- Performed predictive analysis using classification, clustering, association rule mining and network analysis; descriptive analysis using MySQL for back-end and Google visualization API for front-end
- 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
- 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
- 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)

Inautix, Bank of New York Mellon

Developer, Application Development

Mainframe, J2EE, DB2, Oracle DB, IBM Lombardi BPM

(July 2010 to July 2012)

- Involved actively throughout the software development life cycle; planning, requirement gathering end-to-end support, individually managed the application documents, recorded project progress
- Created reporting using Fusion chart API and parsed data from Oracle DB to JSON format using Java programs
- 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
- Developed new workflows, migrated and redesigned code from Java to Lombardi authoring environment
- Interacted with stakeholders like client, business analyst, business process management architect and database architect
- 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
- 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
- Created reporting using Fusion charts API and parsed data from Oracle DB to JSON format using JAVA program
- 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