Sivaranjani Prabasankar

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ABOUT ME

Focused, quick-learning and meticulous strategic analyst with five years of IT experience, seeking an opportunity to upgrade my technical, collaborative skills and analytical ability.

EDUCATION

Illinois Institute of Technology, Chicago, IL   **Jan 2019 –May 2020**

Master's in Data Analytics and Management (Information Technology Management) - GPA *3.9/4*

Thiagarajar College of Engineering, Madurai, India   **Aug 2009 - May 2013**

Bachelor of Technology in Information Technology - GPA *8.91/10*

CORE SKILLS

Key Skills: Business Analysis, Data Analysis, Data Visualization, Data Mining, Machine Learning, Agile
Tools: Jupyter notebooks, Tableau, Splunk, R Studio, JIRA, MS Office, Excel, Power point
Programming Skills: R, Python, SQL, MYSQL, JAVA, XML, JSON

PROFESSIONAL EXPERIENCE

Citibank Digital Group – TATA Consultancy Services   Irving, Texas
Business System Analyst   **June 2020 — Now**

- Shouldered the responsibility of bridging the gap between the client and technical team for the business understanding with the ability to review, consolidate, and reverse-engineer complex technical and systems documentation
- Developed data monitoring, evaluated and processed data validations to uncover gaps
- Dove deep into the data, analyzed logs, diagnosed/identified the root cause for issues and assisted the team in fixing it

British Airways – TATA Consultancy Services   Chennai, India
Business Analyst   **October 2015 — December 2018**
New Distribution Capability (NDC)

- Worked in an agile development cycle with experience in sprint planning and demo with various stakeholders, elicit requirement, user story development, backlog grooming and prioritization
- Analyzed and understood business needs, reviewed change requests submitted by Stakeholder and decomposed high-level requirements into functional, non-functional requirements to derive user stories and sketched technical design
- Expertise in drafting graphical representation of requirements like Use Cases, UML, Workflows, Activity diagrams and reports briefing qualitative analysis, acceptance criteria, BPMN and detailed work estimation
- Engineered test plans and test scenarios for complex functionalities and validated test results to ensure zero defects during UAT
- Reviewed detailed project deliverables including Automated test scripts, Requirement Traceability Matrix, Test Plans, Cases and Report
- Conducted business user acceptance testing, release testing and validated the applications for more than 15 releases
- Completed various levels of testing and assisted the team in identifying root cause by analyzing logs
- Led discussions and produced an assortment of deliverables: gap analysis, impact analysis, current state analysis, process analysis
- Delivered interpretation of data to key stakeholders and leadership; including identifying and reporting data patterns and abnormalities, presenting analyses of KPI's, trends, metrics and recommended key actionable insights for better decision making
- Structured Jira dashboards for task assigning, defect tracking and report generation which depreciated 70% of tracking efforts

Data Analyst   **March 2015 — September 2015**
Web Browser Log Data Analysis

- Continuously monitored customer behavior and identified the fallout during flight booking by developing Splunk SPL (Search Processing Language) filters and Dashboard/Visualization
- Based on data-driven insights, implemented periodic data caching to restrict triggers to database, which reduced transaction fee by 14%

Test Analyst   **September 2013 — February 2015**

- Created detailed project deliverables including Requirement Traceability Matrix, Test Plans, Test Cases and Test Report.
- Completed various levels of functional, non-functional testing and assisted the development team in fixing bugs.
- Prepared an automated suite which saved 60% of manual efforts in regression testing.

ACADEMIC PROJECTS

A study of sales through consumer behaviors on Black Friday Purchases   **January 2019 — April 2019**

- Identified sales transactions made in a retail store, processed structured data for analysis and found correlations between various attributes, built models and predicted purchase of users hinge on their historical data using R
- Implemented ML algorithms and tuned parameters to improve performance using Python libraries like Numpy, pandas,Sklearn etc.,

Movielens Recommender System   **August 2019 — November 2019**

- Built a Memory-based and Model-based recommender system to recommend movie based on users' behavior in R using LibRec
- Created K means clusters using Python libraries to predict top K movies and recommend for users