Vasanthi Kolachalama

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ACADEMIC QUALIFICATIONS

Year	Qualification	Institute	%/C.G.P. A
2019	Business Analytics	Indian School of Business, Hyderabad	3.00/4
2013	B. Tech (Civil)	GITAM University	7.57/10

PROFESSIONAL EXPERIENCE

Cubic Transportation Systems — *Senior Systems Engineer* — *Jan 2020 -*

- Responsible for creating initial documentation like Use case documents, FRDs, BRDs etc. from the project agreement and in conjunction with the Onsite team for a mobile application
- Was responsible to analyze the system fit specifications for the internal product according to the client and make modifications
- Working on a different project parallelly which is a device specific application and created dashboards to analyze the effectiveness of the app using TABLEAU
- Being the first systems engineer appointed in India office, documented all the learnings and created a roadmap for the subsequent hires

Digital Convergence Technologies — *Senior Business Analyst* — *Apr 2019 - Dec 2019*

- Managing a development team of 12 as a Scrum Master/ Business Analyst
- Communicating client's business requirements by constructing process flows using Visio for the development team
- Holding resources in sync with the project schedules/ development activities, assigning work to each in the scrum call and track using JIRA
- Ensuring issues are identified, tracked and solved in a proactive manner, responsible for project improvement initiatives
- Follow up on all project management standards, procedures, documentations and provide timelines for project execution
- Performed regression analysis using R to understand the best possible routes to be taken by the trucks during various seasons

Straviso — *Business Analyst* — *July 2018- April 2019*

- Managing a development team of 5 as a Project Manager/ Business Analyst
- Liaised with the client and created process workflow models to better help the development team understand the client requirement
- Interacting with various teams to understand business challenges, formulate business problems and helping them arrive at solutions
- Worked with QA team to make sure the output delivered is error free and provided UAT support along with business users
- Part of an analytics for building a POC for a knowledge base system (KNEWS) using NLP
- Using NLP on the data provided which consisted of various images, documents etc., created a recommendation system
- Conducted Exploratory Data Analysis (EDA) using Python on raw data and provided business insights to the client which helped in implementation of corrective measures

Infosys Limited — *Senior Systems Engineer* — *Nov 2014-July 2018*

- Lead the design/testing team (3-member) that was involved with Software Development/Testing Life Cycle (SDLC/STLC) of more than 55 user stories (Java based) that were automated for the client
- Designed the automated To-Be process, reviewed it with the developers and respective application SMEs and got their approval for development
- Provided support to the client's requests/tickets and formulated SQL procedures to run on a daily basis
- Performed regression testing and unit testing on a regular basis and identified issues for the development team to fix
- Primary contact for performing the daily activities as part of agile methodology and delivered high quality product (automation) to the client
- Involved in giving demos to the client after every sprint providing the development/testing statistics and explaining the way forward
- Using excel performed analysis on the JIRA ticket issues of client to find out the feasible use cases which can be automated.
- Based on the analysis delivered an automated tool which helped reduce the support staff of client from 11 to 4

TECHNICAL EXPERTISE

Programming Languages	SQL, R, Python
Tools/Methodologies	JIRA, HP ALM, Jenkins, Agile Methodology

ACADEMIC PROJECTS (Analytics)

Popularity Analysis of Modi among Youth	▪ Collected data from various social media sources (Twitter, Google, Newspapers) ▪ Performed Exploratory Data Analysis using Python on the data ▪ Predicted that Modi has a high chance of getting reelected due to positive attitude youth has towards his initiatives ▪ Concluded that Modi's popularity is due the perception that he is an ardent is follower of Hinduism	*Feb 2019*
Readmission Prediction of Patients with Diabetes	▪ Project is done to determine factors that influence a patient getting readmitted with diabetes again ▪ Performed analysis on data for 10 years of 130 US hospitals using Python ▪ Model built is able to predict with 90% accuracy whether patient will be readmitted or not ▪ Hospitals can focus on key factors to make sure patients are not readmitted thus avoiding penalties	*May 2019*
Marketing and sales application of AI using chat bot (NLP) Hero Motor Corp	▪ On the data of customers for the past 10 years who haven't renewed their vehicle insurance performed EDA to segment them ▪ Based on the segmented data recommended a target segment whose conversion rate would be higher ▪ Created a chat bot using dialogue flow on the sales application for the targeted segment	*Oct'2019-Nov-2019*

EXTRA-CURRICULARS

Others	▪ Part of DC level events committee and conducted RCL Mela (Unit level annual festival) thrice. ▪ Won a spot award for driving the whole project to follow Agile methodology ▪ Won an award for giving demos to various clients that visit Infosys about the automation product which we built and convincing them to use the same