

TARUN SARAVAGI

DOB: 07-05-1987

B-805, Pan Oasis Sector-70 , Noida

Cell: +91 9582250204

Mail: tarun.saravagi08@gmail.com**Personal Summary:**

A highly motivated and ambitious individual who able to give timely and accurate guidance, support to the team. Possessing excellent bugs resolving skills and having the ability to work with the minimum of supervision.

Professional Summary:

- **7 Years (Senior Analyst)** of diversified experience in IT Industry in Retail ,Telecom and healthcare.
- Experience working on Python , Natural Language Processing & Machine learning
- Worked in Middleware/Business Integration technology (IIB, WMQ)
- Involved in leading team, code development of integration of various applications and in low level design
- Experience in Agile methodology & excellent communication, analytical and Documentation skills.

Technical Exposure:

Technologies	NLP , Machine Learning , SOA
Languages	Python, ESQL, SQL, Java
Software	PyCharm , IIB v10 , WebSphere Message Broker v6& v7 , WebSphere MQ v7 ,Anaconda
Repository	GIT & SVN – Version Control, Clear Case
Other Tools	Postman , Eclipse ,Spyder ,SOAP UI, SQL Developer, rfhutil, putty etc.
OS	Mac , Windows , UNIX

Professional Experience:**Tata Consultancy Services (Jan 2016 till Date)****Location: Noida****1- Project: ARD & Concierge : Apple****Role: Data Analyst/ Technical Lead/ Python Developer****Duration: May 2017 to present**

- Apple Retail Dashboard showcases the sales ,operation and other store information . Our team to bring agility, user friendliness to the dashboard by using features like Autosuggest and NLP.
- NLP takes the key role for selecting filters in dashboard from user query and suggestions from autosuggest app (using Lucene). Used Natural Language Processing using ner-crf/ Spacy , Entity extraction (RASA NLU)
- POC of autosuggestion completed & accepted by client . Implemented using unsupervised machine learning algorithm by taking NLP user logs in account .

Responsibilities and activities:

- Leading a python development team
- Working knowledge & in depth understanding of below algorithms & Concepts in the project

RASA -spaCy	K Means	IIB & MQ	Random Forest
Linear regression	Duckling	Regularization	PCA
ner -crf	Decision tree	KNN	Chatbot
Image processing	Ensemble/Boosting/Bagging	Bias and variance	Naive Bayes
Logistic	Overfitting & Underfitting	Multiple Linear Regression	SVM

- Understanding Business requirements ,check its feasibility and prepare high level and low level design
- Prepare pattern through Chatito and used generated statements for training the model
- DevOps culture is followed . Used GIT and Apple PIE Cloud for deployment
- Developed baseLineVerification application using Python for regression testing
- Design and development of scripts performing bulk hit, Cassandra DB queries and maintaining metadata

2- Project: United Biscuits (UK based)

Role: Senior Analyst

Duration: Sep 2016 to May 2017

- Support code/design analysis, strategy development and project planning.
- Developed python scripts for Test suite Automation & Bulk hit of messages
- Load and transform large sets of structured and semi structured data.
- Developed Message Flow using various nodes like MQ Nodes, File nodes, Compute, RCD etc.
- Used Message Model , ESQL , Pub/Sub logic & different types of Queues
- Made error handler sub flow for the project.

3- Project: Thames Water(UK based)

Role: Developer

Duration: Jan 2016 to Aug 2016

- Developing Message Flow & error handler sub flow as per business need .
- Used Message Model , ESQL and did Unit Testing of each module developed
- Collaborating with Business Analysts, Project Leads and IT team to resolve issues and providing solutions
- Conducted training sessions and workshops on SOA

Dell International Services (Dec 2014 to Jan 2016)

Location: Noida

1- Project: Dignity Health (US Based)

Role: : Senior Analyst

Duration: Dec 2014 to Jan 2016

- Extensively involved in Collection of Customer Scenarios & proposing solution using SOA
- Developed Message Flow , User defined nodes based on customer problems
- Developed Java module for comparing two HL7 messages
- Analyze and route issues into the proper channels and update and close tickets in a timely manner.

IBM India Pvt Ltd. (Aug 2012 to Dec 2014)

Location: Gurgaon

1- Project: Blue Harmony (US Based)

Role: : System Engineer

Duration: Aug 2012 to Dec 2014

- Analyzing the business requirements and preparing Technical design document
- Developed Message Flows, Message Sets, ESQL code and debugged them successfully
- Developed Adapters , Business Object ,XSL and Web Services
- Worked on various IBM tools like Rational ClearCase, ClearQuest, SOLMAN and SDMS sales services.
- Provide support for the code developed and coordinated with the Onsite team and the clients

Educational Qualification:

1.	M-Tech	National Institute of Technology, Rourkela	Information Security	8.02	2012
2.	B-Tech	ABES Engineering College, Ghaziabad , UPTU	Computer Science	65.90	2010

Achievements:

Received Monthly & Quarterly spotlight award in 2018

Runner up in intra NIT basketball & in inter college chess competition held at I.E.T. LUCKNOW