LAKSHMI R PILLAI

CONTACT

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EDUCATION

- Currently pursuing Post Graduate Program in (Artificial Intelligence and Machine Learning)
  Great Lakes Executive Learning
  2020-2021

- Post-Graduation-M.Tech Power Electronics and Drives
  NIT, Warangal
  First class with Distinction: 2013

- Graduation-B.Tech Electrical & Electronics Engineering
  T.K.M. College of Engineering
  First class with Distinction: 2011

SKILLS

- Python for Machine Learning
- NumPy, Pandas, Scikit-learn
- Exploratory Data Analysis
- Machine Learning-Classification, Regression, Clustering, PCA
- Statistical Analysis

PROFILE:

Former Maximo Application Developer, now a Machine Learning aspirant with 5+ years of IT professional experience, has repeated success in delivering projects from requirement gathering to execution and developing customizable solutions. Seeking position as a Machine Learning Engineer, to utilize my skills and abilities to the best towards launching a successful career with the organization that offers professional growth while being resourceful, innovative and flexible. Willing to work as a key player in challenging and creative environment that provides an ample scope for individual as well as organization growth.

ACADEMIC PROJECTS:

Diagnosing Parkinson's disease using Random Forests-

Course	Ensemble Techniques
Project Details	This project involved using classification algorithms and Ensemble techniques to diagnose Parkinson's Disease (PD) using the patient voice recording data. Various models were used including Naive Bayes, Logistic Regression, SVM, Decision Tree, Random Forest etc. and comparison of accuracy across these models was done to finalise the model for prediction.
Project completion	Oct 2020
Skills and Tools	EDA, Logistic regression, Naive Bayes, SVM, K-NN, Decision Tree, Random Forest

Identifying potential customers for loans

Course	Supervised Learning
Project Details	Identified potential loan customers for Thera Bank using classification techniques. Compared models built with Logistic Regression and KNN algorithm in order to select the best performing one.
Project completion	Oct 2020
Skills and Tools	EDA, Logistic regression, KNN, Classification

Health Insurance

Course	Applied Statistics
Project Details	This project used Hypothesis Testing and Visualization to leverage customer's health information like smoking habits, bmi, age, and gender for checking statistical evidence to make valuable decisions of insurance business like charges for health insurance.
Project completion	Aug 2020
Skills and Tools	Hypothesis Testing, Data visualisation, statistical Inference

PROFESSIONAL EXPERIENCE:

IBM India Private Limited: August 2013- April 2019)

PROJECTS:

Scotia Gas Networks (SGN Front office- AMS support - Phase 2)

Project Description and Objectives	Manage SGN established front office systems that perform various functions including the repair, replacement and maintenance of assets. SGN also deals with emergency calls from end customers, and provide metering works including meter installation, maintenance, exchange and other associated work for assets. The connections process that involves setting up new connections for different types of customers and service providers including distribution networks, 3rd party contractors, Independent Gas Transporters and Utility Infrastructure Providers is also a part of the Front Office Management Program.

Project Description and Objectives (continued)	Scope: Maximo V7.5 end to end Implementation to support SGN business, which includes Asset Management, Work Management and Resource Management along with Manual resource allocation for all processes except for emergency & metering.
Duration	December 2015-May 2018
Roles and Responsibilities	**Role** -Maximo Application Developer- L2 and L3 Support Engineer • Responsible for handling the day to day BAU L2 and L3 requests from the client which were completed without errors in minimum time in adherence to SLA. This includes Service requests, Incidents, Changes, Problems, Data fix requests etc. • Experienced in Maximo business solutions with strong knowledge in Maximo version 7.5 design and implementation, deployment and installation. • Maintained, updated production systems and provided client support. • Development of New Application -Smart Meter Triage Desk for the client • Understanding business requirement and carrying out solution and build for the project • Analysed and reviewed functional, technical and user interface specifications during the design phase of all assigned projects. • Trained new and current employees and contractors on Maximo applications.
Achievements:	Manager's Choice Awards –for Client Focus in 2017

SCCD Implementation for IBM Account

Project Description and Objectives	BT/IT decided on a strategic initiative to create an ITSM capability on the Cloud. Lotus Notes based Network Service Request Tool (NSRT) and Service Request Tool (SRT) of BT/IT as well as the Lotus Notes based Video Conference Tool were to be developed in Maximo. Scope: Lotus Notes based screens and functionalities were to be developed in Maximo as Offerings. The development phase's objective was to verify that the new offerings developed meets the business and functional requirements as designed in the Lotus Notes based Applications. The Development phase started with one to one mapping of the requirements. Replicated the front end of the tools and database tables called profiles and design new screens. Ours was a small agile team of 4 working from different locations across India.
Duration	November 2013- December 2015
Roles and Responsibilities	**Role-** Team Member -Maximo Application Developer • Delivering high quality solutions to clients in response to varying business requirements and worked on enhancements requests related to the change requests. • Responsible for the migration of Lotus notes -based application to the Cloud based system. It involved one to one mapping of the requirements as in Lotus Notes applications and implementation of the same in Maximo Offerings as web forms were created in Self service center and tested which help users to create tickets. • Supported Maximo v7.5 on service management. • Handling and Logging of service request/tickets for creator/ resolver addition requests raised by end users and modifies users' access to the system. • Worked as the Administrator of the production site and raise tickets when system has performance issues • Was entirely responsible for the migration of the UAT system to a new environment manually. • Provisioning of project documentation for user training. • Worked in different phases of Maximo - Development, Testing, Implementation, Production and Post Go Live support
Achievements	Manager's Choice Awards –for Client Focus in 2014

DECLARATION:

I hereby confirm that the above information is accurate to the best of my knowledge and belief.

Lakshmi R Pillai