ASLAM

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PROFESSIONAL SUMMARY

- **Total 11+** years of IT Work Experience.
- **4+ Years** Work Experience in Data Science with Machine Learning, Pattern recognition with Data mining, Natural Language Processing (NLP), Deep Learning, Predictive Modeling, Statistics, recommendation systems, Python Flask and optimization algorithms.
- 6 years' Work Experience in **SAP ABAP** as technical consultant.
- Experience using Tensorflow,Keras,OpenCV,numpy,pandas,matplotlib,scikitlearn
- Experience in Computer vision,Text analytics using nltk,Image analytics
- Experience in Statistical Modeling / Machine Learning methods with hands on experience handling data driven decisions
- Proficiency in statistical and other tools/languages - Python, R
- Ability to work on structured, semi-Structured and un-structured data.
- Proven background in at least one of the following - Reliability models, Markov Models, Stochastic models, Bayesian Modeling, Classification Models, Cluster Analysis, Neural Network, Time Series analysis, NLP Models, Multivariate Statistics
- Processing, cleansing, and verifying the integrity of data used for analysis.
- Working with data visualization tools Tableau to create real time visuals that give proactive steps to support the business
- Working experience as Techno-functional Business Solution Consultant
- Liaising with global stakeholders from initiation to completion of projects.
- Experience in working with databases and SQL in a business environment
- Deep understanding of functional business processes and business modules.
- Experience in working in diversified complex Business landscapes.
- Ability to ponder solutions to eliminate the Root Causes.
- Strong experience in Python and R and ABAP programming
- Image processing and Image classification experience.
- Python libraries-Sklearn,OpenCV,Pandas,NumPy,Matplotlib,CNTK,NLTK
- Experience in various statistical and machine learning models, data mining, unstructured data analytics in corporate or academic research environments
- Develop forecasting models for key business services and answers to key questions
- Understand the business and industry and expand the reach of warehousing by identifying and integrating internal and external sources of information
- Experience leading or collaborating with a team of data scientists in developing and delivering machine learning models that work in a production setting.
- Use of development methodologies like SOA- Service Oriented Architecture, FRICEW (Forms, Reports, Interfaces, Conversions, Enhancements and Business Workflows).

WORK EXPERIENCE

Senior Consultant
Binary Fountain pvt ltd - Sep 2017 to till date

Tech Specialist
Tech Mahindra Limited - May 2011 to 2017

Sr Software Engineer
Siemens Info systems Pvt Ltd   – Feb 2010 to May 2011

EDUCATION
Btech in Computer Science Engg - JNT University

ADDITIONAL INFORMATION

Technical Skill Set

Technical: SAP ABAP, SAP ISU
ERP: SAP ECC.

Programming: ABAP, R and Python.
Data Base: Queries using open SQL, Basics of DBMS.
Office Tools: Microsoft Office Suite- Word, Excel, PowerPoint, Access, Outlook.

Trainings Attended

1. Data Scientist Transformation Training at Mahindra Satyam (Tech Mahindra), Bangalore.

2. Conference on Future Data Scientists and Big Data at Mahindra Satyam Tech Mahindra, Hyderabad.

Projects

7.	Project Name: NLP
Client	Binary fountain
Role	Team Member
Organization	Binary Fountain
Duration	10/2017 – till date

Roles and Responsibilities
- Implementation of KAFKA cluster with various application data being consumed at Consumer groups and the result from NLP will be return to returntopics

- NLP code analysis and removal of unwanted and unused variables and comments within the existing python scripts.
- Designed and implemented tone analysis using NLP.
- Designed & implemented Category classification among several categories present
- Designed and implemented extraction of feature and opinion pairs within the existing corpus of reviews
- Designed and implemented a Machine learning model to predict patient Length of Stay during the hospital.
- Designed and implemented a model to predict the payment amount for a procedure done
- Designed and implemented a machine learning model for predicting the Customers Churning analysis.
- Developed a python script that will take two input csv files one is NLP output and Manual output and calculate the number of accuracy and coverage that NLP being done correctly and number of misses NLP made .

6.	Project Name: Thomson Reuters
Client	TCIPL
Role	Team Member
Organization	Tech Mahindra, India
Duration	05/2016 – 08/2017

Roles and Responsibilities
- Manage the data quality audits/rules and generate the reports
- Convert business rules into technical rules for data quality analysis.
- Data analysis, creating work plans, programming in R, creating presentations for the client, designing algorithms,
- Designed and Implemented HR Employee attrition predicted using the Machine learning Algorithm in R statistical tool.
- Designed and implemented Sentiment analysis using NLP.
- Designed & implemented demand generation incentive compensation plans for leading brands to enable sales force representative to meet targets
- Forecast the enrolling customers for the promotion activity introduced by client using the Time series analysis using ARIMA model
- Processing the images using Opencv and classification into right classes
- Designed and implemented the image recognition and archiving using Deep Learning Convolutional Neural Network.
- Created territory alignment by considering area sales potential, sales force size and geographical constraints.
- Worked on creating and manipulating dashboards in Tableau as per the need.
- Analyzed the trend, call planning schedule and eligibility constraints to derive performance to target pay curves for representatives.

5.	**Project Name: Ahlstrom, Finland**
Client	Ahlstrom, Finland
Role	Team Member
Organization	Tech Mahindra
Duration	11/2015 – 03/2016

Project Description

Ahlstrom is a high performance fiber-based materials company, partnering with leading businesses around the world to help them stay ahead. We aim to grow with a product offering for clean and healthy environment. Our materials are used in everyday applications such as filters, medical fabrics, life science and diagnostics, wallcoverings and food packaging.

- Developed custom Applications using Python Flask as per the client requirements.
- Develop and implement data collection systems and other strategies that optimize statistical efficiency and data quality.
- Acquire data from primary or secondary data sources and maintain databases/data systems and deployed different predictive models using python Scikit-Learn python framework.
- Identify, analyze, and interpret trends or patterns in complex data sets in the complete Supply chain Management areas of the client.
- Work closely with management to prioritize business and information needs and Locate and define new process improvement opportunities.
- Develop & implement and manage data strategies that optimize the data quality to improve standardization
- Analyze and interpret the tweets from external sources and derive the conclusion of the customers and other stakeholders using Python.
- Created dynamic linear models to perform trend analysis on customer transactional data in Python.
- Identify the patterns& frequency of data in the dataset and prepare the reports.
- Developed prediction algorithm using Random Forrest & logistic regression techniques using Python statistical tool.

4.	**Project Name : ESGAP Project**		
Client	GE		
Role	Team Member		
Organization	Tech Mahindra, India		
Duration	01/2012 – 10/2015		
Team Size	Project : 8		Module : 4
Environment (with skill versions)	Software	Languages : ABAP Database : Oracle Tools : HPQC 10.0 O/s : Windows XP	

Project Description

GE is an advanced technology, services and finance company taking on the world's toughest challenges. Dedicated to innovation in energy, health, transportation and infrastructure.Headquartered in Atlanta, Georgia, U.S., GE Energy is one of the world's leading suppliers of power generation and energy delivery technologies. 82,000 global employees serve the energy sector by developing and deploying technology that makes efficient use of natural resources. Comprised of GE Oil & Gas, GE Power & Water, and GE Energy Services, GE Energy's business units work together to provide integrated products, services, and solutions in all areas of the energy industry, including coal, oil, natural gas, and nuclear energy; renewable resources such as wind, solar, and biogas; and other alternative fuels.

Contribution:

- Closely worked with client to understand the requirements and contribute to optimize the design.

- Involved in Daily calls with the client to understand the daily progress.

- GECARS interface developed from scratch to post the payments in SAP that are received from Customers.

- Z report to display the VAT details like Input ,Output Vat received.

- Developed an overtime report for part time employees.
- Debugged the programs to identify the problem(s) as requested by the functional team.
- Developed a payroll report for India which retrieves the payroll data from payroll clusters.

3.	Project Name : Thomson Reuters	
Client	TCIPL Bangalore Engagement	
Role	Team Member	
Organization	Tech Mahindra, India	
Duration	06/2011 – 12/2011	
Team Size	Project : 85	Module : 25
Environment (with skill versions)	Software	Languages : ABAP Database : Oracle Tools : HPQC 10.0 O/s : Windows XP

Project Description:

This is a transformation and support project. The Billing to Cash Collection program (B2CC) supports the integration of legacy Reuters and Thomson Financial billing and receivables processes, by replacing the legacy systems

with one instance of SAP. The objective of the program is to develop one global business process in the areas of billing and cash management/collections, to improve customer experience, as well as to rationalize and to modernize technologies globally by 2012.

Contribution

- Wave 4 functionality added to create the international version of customers and to change contract data to add legacy data and update values in custom table created as part of another custom development.

- Custom development for report that goes from SAP to external system (FORE System) that in turn gets data from the other system the output report will speaks the Control file as well as summary file that gives the total number of local currency amount as well as the amount under each currency this report is AR Open items for Reconciliation purpose.

- Defects under the custom developments and interfaces.

- Changes to an interface that fetches data from SAP to an External system (Get Paid system) which includes the output of 3 files like ARCUST: Customer information that has matching in other files. Contains one record per customer with open transactions. ARMAST: All open invoices. Contains one record per open transaction (invoice, credit memo, open credit or debit, balance forward, etc). Control File: This file contains the count of lines per file provided. Inbound idoc for the External Customer Contacts for processing into sap system from the source SIEBEL system.

2.	Project Name : Xerox		
Client	Xerox		
Role	Team Member		
Organization	SISPL, India		
Duration	08/2010 – 05/2011		
Team Size	Project : 50		Module : 20
Environment (with skill versions)	Software	Languages : ABAP Database : Oracle Tools : HPQC 10.0 O/s : Windows XP	

Project Description:
Xerox is an American global corporation that sells business services and document technology products to businesses and governments of all sizes. Xerox is headquartered in Norwalk.This is a Support project where SAP 4.7EE version is being used where modules like SD MM FICO with HR are being used .Integrated to work with par HCL technologies.

Contribution:

- Inbound idocs for the idoc type HRMD_A_06 and for a 'z' message type that can handle the HR master data from HRPCLNT700 to XHPCLNT400 . Inbound as well as Outbound idocs with an external Finance production system with the HR Payroll system at client production environment .

- Involved in setting the Partner profiles with respect to finance and HR payroll system and also with the actual HR Master data server located.

- Involved in maintaining the Distribution model across the sending and receiving Logical systems Standard process code HRMD used for Inbound and BAPI process code used for outbound idocs and respective standard function modules got involved in processing idocs.

- Involved in monitoring the idocs and finding the error idocs while Serialization Error occurs.

- Involved in reprocessing of the error idocs manually (BD87) .

- Background jobs (RBDMANI2 with different variants saved one for Great Britain and Ireland

1.	Project Name : BBC	
Client	BBC	
Role	Team Member	
Organization	SISPL, India	
Duration	02/2010 – 07/2010	
Team Size	Project : 40	Module : 15
Environment (with skill versions)	Software	Languages : ABAP Database : Oracle Tools : - O/s : Windows XP

Project Description
People view project is mainly projected with the enhancement and support of all the affected programs which are intended to use NAKISA software that demands the change in Org Structure in HR module and support for the client

Contribution:

- Involved in making changes to necessary reports interfaces and forms that are bound to be changed with the involvement of new HR software by name NAKISA

- SAP Workflow sends the PO for approval to the approver depending on the release code. This process consists of 4 workflows that are based on these events (Release step created, changed, resend, reset)

- Freelancer Contract Request Workflow for the create event in the Z' BOR after approval the freelancers are hired using a z program.

- PO workflow where in ,based on the PO amount the responsible Agent will be assigned and act on PO

- The workflow automatically creates GRN (Goods Receipt Number) through a 999BDC for MB01 (Material Document Create) for the PO (Purchase Order)