Shyam BV

Data Scientist/Engineer

- Over **9+ years** of IT experience with in-depth knowledge of software design, development and data science.
- Experience in **Analytics**, Big data, Spark, BI technologies, Robotic process automation(RPA), cloud, docker and other technologies.
- Completed **Masters in Data Science** in CUNY.(Currently pursuing final capstone project).
- Proficient in programming languages like **Python, R,** and created/tuned models using **Machine learning and Deep learning**.

Personal Info

Address

Morrisville, North Carolina, USA

Phone

+1 (908) 838-8800

E-mail

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Github

https://github.com/bvshyam/portfolio

Personal website

shyambv.com

LinkedIn

www.linkedin.com/in/shyam-viswanathan-62145b16/

Skills

Machine Learning

Python

Scikit-learn, numpy, scipy, pandas, gensim, nltk, bs4, etc.

R Programming

Dplyr, caret, tidyr, recsys, ggplot, stringr, etc.

Deep learning

Keras, Tensorflow

Big Data - Spark, Impala, Hive

BI - Cognos, Tableau, Qlikivew, BO

ETL - Data Stage, SSIS

Database - SQL Server, Oracle

Robotic Process Automation - Blue Prism

Docker

Cloud - AWS, GCP

Core Java, Java Script

Experience

Sep 2014 - present

Assistant Vice President, Deutsche Bank

Responsibilities

- Establishing/managing Center of Excellence(CoE) for various shared products.
- Solving business problems using Machine Learning, AI, RPA, BI and other tools.
- Creating machine learning models for various business problems.
- Providing Analytics/BI solutions across the bank.
- Managing L3 support teams for shared application environments.
- Process improvement and implementing new technologies which fit business needs.

Achievements

- Created application related automated QA system(Chatbot) using Deep learning(NLP).
- Automated support tasks using RPA which reduces support costs.
- Performed a network analysis using graph databases to establish CoE.
- Created ML models for document classification which saved manual effort.
- Migration from previous SAS based risk models to spark for performance improvements.

Mar 2011 - Sep 2014

Information Technology Analyst, Tata Consultancy Services

I worked as an Architect for insurance giant AIG**.** Projects I had involvement with were DWFIT and Financial Information Transparency(FIT).

Responsibilities

- Architect and develop a new data-warehouse system.
- Prepared RFP's and performed POC's for new projects.
- Provided training for BI/Analytics technologies.

Achievements

- Created a complete enterprise data-warehouse(EDW) system for business needs.
- Played a major role in creating the self-service environment which saved IT costs.

Jul 2008 - Mar 2011

Associate System Engineer, Sensiple Software Solutions

I worked as a Software Developer for different clients(WEST and Streaming Edge). Projects I had involvement with were Mileage plus, West Connect and Katana.

- Involved in application development using Java and other front-end web technologies.
- Analyzed, developed and tested the modules as per the requirement document.
- Created ETL/SQL procedures and managing servers.

Education

Aug 2015 - May 2018

Masters in Data Science, City University of New York(CUNY)

Jul 2004 - May 2008

Electrical and Electronics Engineering, Saranathan College of Engineering (Anna University)

Jul 2005 - May 2008

GNIIT, National Institute of Information Technology(NIIT)

Certificates

Java Developer(SCJP 1.5), MS SQL server 2005, Cognos BI Developer , Cognos Metadata Models