

Shyam BV

Data Scientist/Engineer

Personal Info

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Github
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shyambv.com

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Skills


Machine Learning 
Classification, Regression, Clustering,
Feature engineering


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, Imapla, Hive 

BI - Cognos, Tableau, Qlikivew, BO 
Platform and Development

ETL - Data Stage, SSIS 

Database - SQL Server, Oracle 

Robotic Process Automation - Blue Prism 

Docker 

Core Java, Java Script 

Experience

Sep 2014 - present

Assistant Vice President

Deutsche Bank

Responsibilities

- Establishing/managing Center of Excellence(CoE) for various shared application products.
- Solving business problems using Data science, Robotic process Automation, etc.
- 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 fits business needs.

Achievements

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

Mar 2011 - Sep 2014

Information Technology Analyst

Tata Consultancy Services

I worked here as an Architect for insurance giant called **AIG** and worked on different projects within it.

Responsibilities

- Provided IT business intelligence(BI) solutions to business requirements.
- Managed the team and developed new applications according to business requirements with team.
- Prepared RFP's and estimation to new projects.
- Provided training for BI/Analytics technologies.

Achievements

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

Jul 2008 - Mar 2011

Associate System Engineer

Sensiple Software Solutions

I worked here as an Software Developer for different clients(WEST and Streaming Edge). Under these clients, I have been in different projects.

Responsibilities

- Involved in application development using Java with other front end web technologies.
- Analyzing, Developing & testing the modules as per the requirement document.
- Coordinated with team members and integrate the code with repository.
- Created ETL/SQL procedures and managing servers.



Education

Aug 2015 - May 2018	Masters in Data Science, City University of New York(CUNY) <ul style="list-style-type: none">• Currently pursuing final capstone project. Will be graduating by May 2018.• Studied various different topics in Data science.
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

Feb 2009	Java Developer(SCJP 1.5)
Apr 2010	MS SQL server 2005
Sep 2011	Cognos Metadata Models
Mar 2013	Insurance - INS21
Mar 2013	Cognos BI Developer
Feb 2015	Edureka - Hadoop developer