

Syamsruthin Kaliki

Rennes, France • +33 752397893 • syamsruthin.kaliki@gmail.com

SUMMARY

Proficient Data Scientist and Software Developer with 5 years of experience who takes pride in building end to end AI solutions for real world problems. Proven expertise in Programming, Machine Learning, Deep Learning, Natural Language Processing, Data Analytics, Data Visualization. Dynamic, Versatile, enthusiastic and craves to learn.

MY WORK

- Good hands-on in all the phases of Data Science life cycle with advanced engineering abilities -> Data collection, Exploratory Data Analysis, Feature Engineering, Model building, and Deploying the models (Kubeflow, Docker, REST APIs)
- Comprehensive knowledge in product development.
- Expertise in developing predictive models using appropriate statistical methods and ML algorithms across different domains. Solved variety of business problems.
- Implemented different neural network complexity reduction techniques to optimize the memory and performance of the model for 5G use cases.
- Developed plugins and cognitive services which include machine learning models for intelligent process automation to reduce the effort of developers that saved significant number of resources.
- Designed and developed a novel machine learning algorithm to cluster and fetch similar incidents and resolution steps from the historical incidents for the new incoming ticket using NLP and machine learning algorithms.
- Worked on diverse projects:
 - Service Ticket Automation (Self Organizing Maps, Clustering, MLP)
 - AutoML python framework.
 - Question Answering model using BERT as Webapp using Flask.
 - Live face recognition project (MTCNN, FaceNet and SVC)
 - HR Analytics => Prediction of employee attrition.
 - Retail sales forecasting using Time Series for clothing sales prediction.
 - Batsman vs Bowler analysis in IPL(R-Shiny webapp)
 - Created a dashboard for resource utilization using Plotly Dash.
 - Data Analysis and creating dashboards using Tableau.

EXPERIENCE

Data Scientist Intern (R&D Team), 04/2020 to 10/2020

NOKIA - Paris, France

Senior Analyst - Data Science (R&D Team), 07/2018 to 08/2019

INFOSYS - Bangalore, India

Data Analyst and Software Developer, 01/2017 to 05/2018

Broadridge Financial Solutions - Hyderabad, India

Software Developer, 02/2015 to 01/2017

DST Worldwide Services - Hyderabad, India

EDUCATION

Master of Science: Data Science and Business Analytics, 10/2020

Rennes School of Business - Rennes, France

- 4.7/5 GPA
- Major in application of Statistics, Machine Learning and Deep Learning algorithms for solving real world problems.
- Thesis: "Analyzing the factors that affect the ratings of deals posted on peer to peer marketplace." - Publishing a paper on this along with Professor.

Bachelor of Technology: Computer Science and Engineering, 05/2014

Sree Vidyanikethan Engineering College - Tirupati, India

WEBSITES

- <https://syamsruthinkaliki.herokuapp.com/>
- <https://www.linkedin.com/in/syamsruthin-kaliki/>
- <https://github.com/syamsruthin>

SKILLS

Programming Languages - {"Python": 5, "R": 3, "Java": 4, "Perl": 3}

Data Science - Statistics, Data Analysis, Storytelling, Machine Learning (Regression, Classification, Regularization methods, Time series, Clustering, Decision Trees, Ensemble techniques (Random forest, Boosting), Naive Bayes, Dimensionality reduction), Deep Learning (MLP, Auto Encoders, CNN, RNN, LSTM), Natural Language Processing

Visualization - Tableau, Matplotlib, Plotly

Big Data - Hadoop, Flume, PySpark, Hive, Pig

DevOps - Docker, Kubeflow, Github, AWS

OS - Linux, Windows

Python frameworks and packages - Numpy, Pandas, Scikit-Learn, Gensim, Keras, Tensorflow, NLTK, Flask

Personal Strengths - Quick learner, Working across multiple domains, Adaptable, Versatile

ACHIEVEMENTS

- Taming Big Data with Apache Spark and Python - Hands On from Udemy.
- Tableau 2020 A-Z: Hands-On Tableau Training for Data Science from Udemy.
- PGP Certification in Big Data Analytics and Optimization (INSOFE)
- P.C. Mahalanobis Scholarship Award' for academic excellence (INSOFE)
- Innovation Team Award (Infosys)
- Won 1st prize in the HACKATHON in BIGDATA Analytics (DST Worldwide services)
- ORACLE's SQL Fundamentals Certification
- ORACLE's Java SE7 Programmer Certification

INTERESTS

Playing Cricket and Badminton, Getting lost in a good book, Cooking.