

Jose Alex

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INTRODUCTION

Confident and articulate individual with 1 of years of experience in supporting machine-learning projects. Proven hand on experience in Statistical Modelling, Data Visualization, Web Scrapping and Data Mining. Self-motivated and focused to work in the field of machine learning algorithms its optimisation techniques.

ANALYTICAL STACK

Scientific/Statistical Computing:

- Python.

Libraries:

- NumPy and Pandas
- Scikit Learn
- Seaborn
- Matplot

Tool & Databases:

- SQL
- Oracle
- Mongo DB
- Apache Spark
- MS Excel

DATA SCIENCE STACK

Algorithms Used:

- Linear Regression
- Logistic Regression
- Decision Trees
- Support Vector Machines (SVM)
- Neural Networks with Gaussian Kernel
- K-Means
- Data Compression using PCA

EXPERIENCE

Support Engineer | Meltwater Software Pvt Ltd
May 16 – Jun'17

Project Name: Meltwater Feeds (MWF)

Project description: Developed a tool, which helps to scrape the webpages, which are not crawled by company in-house web crawlers/robots. The data is then enriched and stored in RIAK database.

MODULE DESCRIPTION:

- **Web Scrapping** – Client specific data, is extracted from webpages and enriched. This enriched data is converted to RSS/XML/SharePoint format and given to the clients on request.
- **Text Summarization** – Converted PDF content into corpus and cleaned using python Regular Expression thereby performed text summarization to extract theme of each document.
- **Sentiment Analysis** - Performed Sentiment Analysis to measure Brand performance (sentiment) and Topic Modeling to understand important issues.
- **Newsletters designing tool-** Designed a web application to draft-newsletters, which focused on XML-XSLT Transformation. An expert in writing XSLT style sheets and thus transforming the data, which would satisfy the vision statement of the project - 'Inform and Inspire'.

Programming Languages:

C, C++, Java and Python

Databases:

- SQL,
- Mongo DB,
- Oracle,
- Microsoft Excel

EDUCATION

Master of Computer Application

Christ University

Bangalore - 2016.

Bachelors in Computer Application

Christ University

Bangalore - 2013.

Pre-University College (PUC)

Vijaynagar College

Bellary – 2010

CERTIFICATIONS

Machine Learning – IIM

Data Centre and Analytics Lab (DCAL)

Indian Institute of Management

Bangalore.

Machine Learning by

Stanford University on Coursera

Deep Learning – Andrew NG

(Currently pursuing)

REFERENCES

Stanley Komban

Junior Data Scientist

Meltwater Software Pvt Ltd

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Unni Chandroth

IT Director

Meltwater Software Pvt Ltd

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Support Engineer Intern | Meltwater Software Pvt Ltd

Nov'15 – April 16

Project Name: New Meltwater Production Environment Monitoring

TASKS:

- Investigating on Kibana logs and resolving or reporting major anomalies.
- Configuring web-scraping robots (tkRobot).
- Investigating GNIP (twitter) rules created at data pipeline. Configuring IceRocket to fetch data from Facebook.
- Closely working with DevOps in patch release to production and managing testing team.
- Backfilling and monitoring Mongo DB at the time of cluster issues.
- Improve SLOs by automating the operational tasks using shell scripts and scheduling them using CRON jobs; Many instance of outage failure of the application was mitigated.
- Styling of XML content using XSLT,HTML and Javascript.
- Provide second and third level technical support to meet SLA's for all issues and their components.
- Server monitoring and maintaining using New Relic.
- Project planning and support using Jira Atlassian.
- Resolve Sev1/Sev2 incident tickets, service requests and Problem management.

Research Paper Implementations & Study works.

July16 – Today

- Recommender system using Low Rank Matrix Factorization.
- Anomaly Detection using (Multivariate and Normal Distribution)
- Attended Fifth International Conference on Business Analytics and Intelligence.