



SRINIVASAN NAGARAJA RAO

Senior Analyst

PROFILE

Desire to learn top notch technologies, motivated and interested in creating high quality business products

CONTACT

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HOBBIES

Trekking
Cooking
Binge Watching

EDUCATION

Saveetha School of Engineering, Chennai - India

B.Tech – Information Technology 2012 - 2016
Bachelor's degree primary focus on computers science with performance score of 76 %

John Dewey Matric Hr. Sec School, Villupuram - India

Computer Science 2010 – 2012
Schoolings primary focus on computer science with performance score of 78 %

WORK EXPERIENCE – TOTAL 3.5+ YEARS

LatentView Analytics – Senior Analyst

Dec 2017– Present
Primary focus of the job is consulting for different architecture and development of software product for wide verse of clients across different geography.

Aline Consulting Oy – Data Engineer

Dec 2016 – Nov 2017
Primary focus of the job is on Data Engineering Development of ETL layer for manufacturing parts for clients in Finland region.

Booking Social – Inter Web Developer

Jan 2015 – Mar 2015
Development of booking appointment product for small vendors using salesforce for clients in Australia region.

SKILLS

Languages (Python, Scala, Java)	80%
Database (RDBMS, Graph, Non-RDBMS, Search Engine Lucene, Key...	75%
Big Data (Spark, HDFS, Hive)	85%
Machine Learning(Spark ML, Keras, Pytesseract)	50%
Cloud (AWS, GCP, Open Stack, Eucalyptus)	80%
Web Framework (Scala - Play, Python - Flask)	70%
Testing, Scraping (Selenium, Pytest)	50%

SOME LEADING CLIENTS WORKED WITH



PROJECTS EXPERIENCE AND DETAILS CLUSTERED BASED ON DOMAIN

Machine Learning \ Big Data	Big Data \ ETL	Computer Vision
<ul style="list-style-type: none"> SMART INSIGHTS - Highlighting insights from the vehicle data, by doing PCA Analysis, Clustering, implementing machine learning model such as Random Forest Classification, Anomaly detection based on country and driver profile. Technology used Apache Spark ML, Scala, Initial POC implementation on Databricks, After Project deployment using Docker in on-premise, REST API using play framework, Database – RDBMS MONGODB, Key-Value - REDIS 	<ul style="list-style-type: none"> Data Load – Building a part of a supply chain one end of the product receives the file in SFTP, we'll preprocess like removing special characters, relation data using PBOM Daily Cleanup – Building a pipeline to clean up the data that pass through the system, this involves logical implementation of RDBMS in the product Technology used Apache Spark, Scala, on-premise eucalyptus cloud, SFTP, Cassandra, memsql, Redis, Postgres, Cloudera cluster 	<ul style="list-style-type: none"> Optical Character Recognition - Detecting features of the PDF files such as SOW of company, feature detection includes sign detection such as signatories, table entity detection Technology used Pytesseract, Rcn, python, tabular
<ul style="list-style-type: none"> Advertisement recommendation Model - Analyzing clients cookie data based on which category he/she watches the most advertisement on what category and predict the category for ad display for user Technology used AWS Athena, S3, AWS ECS, Python, Scikit – Xgboost and random forest model 	<ul style="list-style-type: none"> Daily Management tool – Managing the file that passes through the pipeline and implementing business logic Demand Transformation Planning – Implementation of business logic to meet the demand of the plants part and send out forecast Technology Used Apache Spark, Scala, On-premise OpenStack cloud, SFTP, Cassandra, memsql, Redis, Postgres, Hortonworks cluster 	<ul style="list-style-type: none"> POC : Flow diagram detection – Detect the entity diagrams and labels included relating it Technology Used Pytesseract, Instance segmentation, Pytorch – RCNN, python POC: Geo Analytics – Used telematics dataset to derive insight based on location over time Technology used Kibana Dashboard, ElasticSearch, Python
<ul style="list-style-type: none"> AutoML Replica – Building a product which contains various machine learning algorithms to choose best accuracy algorithm Technology used Apache Spark, Python, Algorithm integrated Xgboost, CNN, CATBoost 	<ul style="list-style-type: none"> Application Analytics – imports data from the user of supply chain to define parts received Technology used Python Flask, Apache Spark, Cassandra, Redis, Postgres, Memsql, AWS EMR 	<ul style="list-style-type: none"> Quick projects : GA Data Sales and Reach – build Dashboard to view the sales and advertisement reach using various data from sites and google analytics Technology used python, powerbi
<ul style="list-style-type: none"> Tax Transformation – Build a ranking based machine learning pipeline to select accurate model Technology used AWS Sagemaker, Python, Keras 	<ul style="list-style-type: none"> RawDataHub – Maintenance of the cloudera cluster that runs workflow of different sites data to pass through Technology used cloudera, hive, HDFS, Airflow 	<ul style="list-style-type: none"> MRP Report Generation – obtain data from various sources to define demand Technology used python, red shift

CERTIFICATIONS

Machine Learning \ Big Data	Big Data \ ETL	Computer Vision
<ul style="list-style-type: none"> • Spark for Machine Learning & AI - LinkedIn certification • Building Deep Learning Applications with Keras 2.0 - LinkedIn certification • Scalable Data Science from IBM - Coursera certification 	<ul style="list-style-type: none"> • Apache Spark Essential Training: Big Data Engineering - LinkedIn certification • Kafka Essential Training - LinkedIn certification 	<ul style="list-style-type: none"> • Deep Learning for Face Recognition - LinkedIn certification
AWS Cloud	Backend	Management
<ul style="list-style-type: none"> • Cert-Prep: AWS Certified Solutions Architect - Associate - LinkedIn Certification • Cert Prep: Aws Certified Cloud Practitioner - A cloud Guru certification • Learning Amazon Sagemaker - LinkedIn certification 	<ul style="list-style-type: none"> • Advanced Node.js: Scaling Applications - LinkedIn certification • React.js Essential Training - LinkedIn certification • Learning Spring with Spring Boot - LinkedIn certification 	<ul style="list-style-type: none"> • Chief Technology Officer Career Guide - LinkedIn certification

JOURNAL PUBLICATIONS

- Published a paper in July 2014, Titled "[Modes in Brain](#)" in International Journal of Social Science and Humanities, ISSN [online]:2348-3164 Vol. 2 issue 3, pp: (89-96)
- Published a paper in April 2015, Titled "[Traffic Management Based on Data Extraction and Visualization](#)" in the board of International Journal of Applied Engineering Research. ISSN 0973-4562 vol. 10 No.33 (2015)

PROFESSIONAL ACHEIVEMENTS

- Our project got the award on [NASSCOM Artificial Intelligence Game Changer Awards 2018](#) as one of the **top 10** case study selected from a pool of 280 submissions **globally** and released white paper on our project case study.
- **Technology Blog** Written on "[All you need to know about real-time analytics and IOT](#)" during a competition throughout the organization has been selected in **top 3** and published in LatentView website.
- Got **Spot Award** for developing a **Datacenter** and created a **private cloud** using **Open Stack Cloud**.
- Got **Spirit of LatentView** award **twice** for the **best project** of the season.
- Got **Busy Bee award** and got amazon coupon for outstanding performance award on the Month of June at Aline Consulting Oy.
- Participated in [www.Guvi.in](#) code kata competition and got first place for Solving Java puzzle's and for later use stored in GitHub - <https://github.com/SrinivasanNagarajaRao>. They offered me to recommendation of suitable internship's and jobs Interview's.
- Done Bachelor of Science in (B.Sc.) Correspondence in Psychology in Alagappa University.