

Name: **Vignesh Dharmalingam**  
Email: [dvignesh1995@gmail.com](mailto:dvignesh1995@gmail.com)  
Phone: +91 – 8610197954  
Website: [vigneshd.com](http://vigneshd.com)

### Summary:

- Machine Learning Engineer with 2.5 years of experience in building data-intensive analytics solutions overcoming complicated architectural and scalability issues to deliver business value.
- Proficient in distributed data processing technologies, cloud deployment and Machine learning techniques.
- Highly tech oriented and a fast learner

### Work Experience:

Positive Integers Pvt Ltd

Senior Machine Learning Engineer | October 2021 - Present

Data Scientist | July 2019 – September 2021

### Projects:

- Project 1: July 2019 - December 2021  
Developed and deployed a scalable predictive modelling solution for a fortune 500 FMCG company that manufactures and distributes dental and other personal-care products. The model helps the CPG manufacturer by providing input to the sales executive on which product and how much quantity a retailer is likely to buy.  
Designed and Integrated a CI/CD pipeline using docker containers to test the pyspark production code on a git service provider.  
**skills/tools** : classification, regression, SVD, pyspark, GCP dataproc, git, CI/CD, unittest, docker
- Project 2: April 2020 - May 2021  
Maintenance of an analytics solution doing monthly prediction of liquor sales and the corresponding optimal cost by one of the leading liquor manufacturing companies in India. Developed a module to handle covid induced volatility on model predictions.  
**skills/tools** : regression, python, git
- Project 3: October 2020 - Present  
Developed and deployed a scalable predictive modelling solution for an Indian multinational FMCG company which is a world leader in manufacturing ayurvedic products. The model helps the client by providing input to the sales executive on which product and how much quantity a retailer is likely to buy.  
Implemented a New Product Development module to provide recommendations on retailers which are likely to buy products that are completely new to the market.  
**skills/tools** : classification, regression, SVD, pyspark, Azure hdinsight, git
- Project 4: October 2021 - Present  
Evaluation of the effect of past schemes on sales using machine learning models for an Indian multinational FMCG company.  
The model helps the client plan their expenditure on various promotional schemes.  
**skills/tools** : regression, python, AWS, git

**Certifications:**

Databricks Certified Associate Developer for Apache Spark 3.0

<https://credentials.databricks.com/a59e331f-cfc9-48d7-8d69-8425610dd06c>

Post Graduate Program in Data Science and Engineering

completed from Great Lakes Institute

<https://olympus1.greatlearning.in/certificate/THBSCSKD>

**Skills :**

Programming languages : pyspark,python,SQL,shell-scripting,html,css

Framework/Tools : apache spark,hadoop,RDBMs,jupyter notebook,spyder,git,docker,linux

Cloud platforms : GCP,AWS,Azure

Algorithms : Linear regression,logistic regression,decision trees,naive bayes,bagging - random forest, boosting - xgboost,SVD,unsupervised - kmeans,dimensionality reduction-PCA and MCA

**Education:**

B.tech EEE in Amrita School of Engineering,Coimbatore. (2013-2017)