

Education				
Year	Degree	Institute/ School	%/ CGPA	Distinction
2017-2019	M.Mgmt.	IISc., Bangalore	7.9	-
2011-2015	B.E (Civil Engineering)	TCE, Madurai	9.2	Among Top 5 Students in the batch
2010-2011	Class XII	Dolphin School	92.92	3 rd Place in the Institution
Academic Achievements				YEAR
Awards and Recognitions	▪ Won GE DnA Hackathon and was awarded with cash prize of 1000 USD.			2018
	▪ Awarded 1st prize on Paper presentation at MS Ramaiah Institute of Management – Data Modelling and Microtargeting of Voters for Election Campaigns			2018
	▪ Presented paper on “Experiment study on Hot Rolled Square Hollow sections” in IJMCC.			2015
Work Accolades	▪ “ILP Kudos”, Award for Meritorious People in the training for Business Intelligence, TCS			2017
	▪ Diploma certification in Business Analysis, International Institute of Business Analysis and TCS			2017
Internship Experience				
GE Digital, Bangalore			Apr’18 - July’18	
Contractor Document Assessment	▪ Build a digital tool with “Cognitive Intelligence” embedded in it for assessing LOTO documents			
RNN/LSTM	▪ The model classifies different part of the document under different criteria with a probability score			
	▪ Built a text summarizer to summarize the tagged paragraph to support the probability score			
Worker’s Compensation of EHS	▪ Approximately saves a Million dollar per year and enhances compliance of the GE EHS team			
	▪ Identification of significant drivers of the expenditure on Medical, Indemnity and other cost			
	▪ Estimate the dollar impact of each significant driver and Recommend action plan to reduce overall cost			
Image Classification	▪ Expecting at least a 5% reduction in claim cost per year and improved safe work environment.			
	▪ Classification of Thermal, Wind and Solar power plant based on the Collection of Aerial pictures			
CNN	▪ Trained a CNN model for the classification of power plant images with batch normalisation			
	▪ Suggested an unsupervised technique for clustering to differentiate Barren lands from power plants			
	▪ Determining price related actions for GE Renewable products to maximize the contribution margin.			
DnA Hackathon	▪ Identifying the impact of customer discounts on sales at part level and master customer level			
	▪ Differentiate the products based on the price elasticity and recommendation for change in price			
	▪ Recommendation provided is expected to save 15 million dollars approximately for IP and Non-IP parts			
Python	▪ Recommendation provided is expected to save 15 million dollars approximately for IP and Non-IP parts			
Work Experience				
Tata Consultancy Services			Jun’15 - Jul’17	
Trainee – Business Intelligence (Jun ’15 – May ’15)	▪ Created and Optimized processes to import, retrieve and analyse data for a MNC Retail Client.			
	▪ Worked on complex mappings, mapplets and workflow to meet the business needs ensured they are reusable transformation to avoid duplications.			
	▪ Worked on Business Objects reporting tool for Business reporting, Ad-Hoc Dashboards setup. Tools: Informatica PowerCenter 9.x , Databases: Oracle 12C, Teradata , Languages: SQL, Unix, C++			
Media Research – Business Analyst (Jun ’16 – Jun ’17)	▪ Planned advertising campaign for different channels in different geographic locations.			
	▪ Analysed different Target profiles based on Demographic, Geographic and Socio-Economic Factors.			
	▪ Expertise in Multi-Market Comparison, Trend analysis, Series and Competitions, Exclusivity and Duplication of Viewership, similar Viewing Behaviour Analysis and Forecasting.			
Technical Expertise:				
Mathematical and Statistical Modelling			Jun’17 – tillnow	
Regression, Time Series and Advanced Analytics:	▪ Performing EDA, Data cleansing & Transformation to arrive at a preliminary idea on the variables.			
	▪ Used Lasso and Ridge Shrinkage methods for Variable Selection and replacing Collinear Variables.			
	▪ Model Selection using AIC, BIC, Forward Selection and Backward Elimination Methods.			
Python, R	▪ Residual analysis and Model Diagnosis followed by Cross validation and Prediction for test data.			
	▪ Studied performance of ARIMA, SARIMA and ARMA models.			
	▪ Classification using Logistic regression, Decision trees and Bagging algorithms for credit score dataset.			
Quantitative Finance: Derivatives and Risk Management:	▪ Developed Parametric and Non-Parametric Survival Models, Cox Regression and Regression Trees.			
	▪ Worked on Bootstrapping algorithm for developing Zero Rate Curves using different interpolation schemes and Pricing back the market instruments.			
	▪ Performed Option Pricing using Monte Carlo Simulations and Heston Model for European Options.			
Data Mining and Decision Models	▪ Analyse Portfolio using Monte Carlo Simulations and convex optimization.			
	▪ Discrete Event simulation with Simpy, Multi objective optimization and Goal programming			
	▪ Data Envelopment analysis with constant return to scale (CCR) and variable returns to scale (BCC) model			
Extra-Curricular Activities	▪ Data mining algorithms in MapReduce frame work – Apriori and Eclat algorithm.			
	▪ Deep learning – CNN, RNN, LSTM – Image processing and Natural language processing.			
Society				YEAR
Society	▪ Analytical Society of India, IIM, Bangalore – Active Member			2018
	▪ Campus Ambassador for Analytics Vidhya			2018
Data Science Platforms	▪ Tech-gig Philips Data Science Hackathon (on-going) selected in top 90 teams from 1270 teams.			2018
	▪ Goldman Sachs, Code sprint - Prediction score of 979.6 / 1000. [Hacker Rank]			2018
	▪ Worked on the House Price Prediction and Built Two Layer Stacked Model [Kaggle]			2018