



PRATEEK PARKASH



Work Experience

Udaan, Bangalore – Associate Program Manager – E-commerce (Apr, 2017 – present)

Data Engineering	Created data ETL platform using Hive QL and Mixpanel for financial & operational KPI measurement Setup KPI's across entire supply chain including FM, LH, LM & Returns for resource optimisation Implemented CAPA processes using Control Tower for each leg to improve fulfilment by 1.5%
Fulfillment-Center (FC) Planning	Created K-means clustering model to locate optimal warehousing locations pan-India for forward facing WHs Modelled inventory placement framework for over 10000 distinct SKUs against benchmark variability & DOH Formulated sizing and cost operating plan for WH operationalization considering sizing, in/out-bound ops
Supply & Operations Planning	Built Time series models to forecast inbound load for capacity planning of E2E supply chain Built Infra & Manpower capacity planning for E2E i.e. First Mile, 3PL, Transportation and Last mile facilities Created lost tree to manage breaches around various facilities thereby achieving MAPE reduction by 8%
Vendor Serviceability Logic	Scaled 3 rd party VSL from 5 source cities to over 70 managing 7 million services at Pan-India level Built VSL allotment algorithm to optimize cost & performance resulting in 30% cost & 4% CX breach reduction Pivotal in product development of Multi-leg vendor allotment engine to manage E2E supply chain

Lucideus Tech, Mumbai – Senior Associate – IT Risk Assessments (Jun, 2016 – Dec, 2016)

Business Development	Responsible for identifying new business opportunities as prospective clients Managed 15+ clients including DSP BlackRock, NPCI to generate revenue of over INR 2,500,000
Product Development	Led product modelling of GRC tool to create a IT Risk score carding framework Formulated asset risk classification model using Random Forest & Priori Analysis based upon CVSS

Technical Skills

Frontend Development	HTML, CSS, JS, JQuery, Bootstrap, Git
Backend Development	SQL, Hive-QL, MongoDB , Express JS
Data Science/ ML	R, Rshiny

Academic Details

Year	Board	Institute
2016	B.Tech in Production & Industrial Engineering	IIT Delhi
2012	Central Board of Secondary Education (C.B.S.E.)	D.A.V. Shalimar Bagh, Delhi
2010	Central Board of Secondary Education (C.B.S.E.)	D.A.V. Shalimar Bagh, Delhi

SCHOLASTIC ACHIEVEMENTS

- Awarded certificates for **Excellence in Academics** for 7 consecutive years for 99th percentile from 2006-12
- IMO '09: Secured **Rank 33rd** in **International Mathematics Olympiad** conducted for academic year 2009
- Awarded **Certificate of Achievement** by **Oracle** ThinkQuest foundation for website development competition
- Awarded **Certificate of Achievement** by **Google** for completing Google Analytics course (2017)
- Awarded **Certificate of Achievement** by **NSE** for completing Investment Analysis & Portfolio Management (2017)

PROJECTS

- Predicting Diabetes upon diagnosis measurements** – Course Project – **IIT Delhi** (Jun, 2015 – Dec, 2015)
 - Formulated classification model to detect diabetes through numerous predictor variables
 - Cleaned, validated and modelled data using Decision trees, Random Forest and Logistics Regression
 - Achieved accuracy over 95% on test data with optimized bias variance tradeoff using CV techniques

EXTRA CURRICULAR ACTIVITIES

- Long Distance Running** (June 2014 – present) : Avid long distance runner
 - Participated in over 10 marathons (42.2 kms) and half marathon (21.1) events in 2017
 - Active member and pacer for **Adidas Runners**, Bangalore and Delhi Runners Group for half marathon distance
- Social Endeavours**: *Actively volunteered for IIT Delhi Chapter of National Service Scheme*
 - Impacted lives of Below Poverty Line families by providing zero cost day lighting solution.