



PRATEEK PARKASH

WORK EXPERIENCE

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

Data Engineering: Created ETL data platform using **Hive QL, RShiny & Mixpanel** for **financial & operational** KPI measurement
Setup KPI's across entire supply chain including **FM, LH, LM & Returns** for resource utilization and optimization
Implemented **CAPA processes** across each leg of supply chain to reduce leakage to improve fulfillment by **2.5%**

Network Planning: Infra & Manpower **S&OP planning for E2E supply chain** at First Mile, Transportation and Last mile facilities
Created and iterated **lost tree** to manage breaches around various facilities achieving **MAPE reduction by 8%**

Returns Prediction: Understanding user behavior for triggering returns based on **geographical and historical purchase patterns**
Created **Return prediction models** in R (Decision tree, Regression) to validate hypothesis around correlations
Highlighted importance of OFD notifications to resolve Cash-not-ready situation thereby reducing returns by 2%

Vendor Serviceability Logic: Scaled 3rd party VSL from 5 source cities to over 55 managing **7 million services** at **Pan India** level
Built VSL allotment algorithm to **optimize cost & performance** resulting in **30% cost & 4% breach reduction**
Pivotal in product development of a Multi-Leg vendor allotment engine to manage E2E supply chain

Darwin Labs, Gurgaon – Data Analyst – Crypto Currency Trading (Jan, 2017 – Apr, 2017)

Building time forecasting model to predict trading movements upon various trading indicators
Testing and tuning models built upon various trading strategies and historical closing prices

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 **BSE, 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

- Programming Languages: **SQL, JQL, R, RShiny, HTML, Bootstrap, C++**
- Software Bundles: Excel, Tableau, Mixpanel
- **Machine Learning:** Linear/ Logistic Regression, Decision Trees, Classification models

ACADEMIC DETAILS

2010	Central Board of Secondary Education	D.A.V. Shalimar Bagh
2012	Central Board of Secondary Education	D.A.V. Shalimar Bagh
2016	B.Tech in Production and Industrial Engineering	Indian Institute of Technology, 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*
 - **Liter of Light, IIT Delhi Campus** (Dec, 2013 - Jan, 2014)
Impacted lives of Below Poverty Line families by providing zero cost day lighting solution