

EDUCATION

YEAR	DEGREE/CERTIFICATE	INSTITUTE	CGPA/%
2011-2015	Bachelor of Technology(Honors) in Civil Engineering	Indian Institute of Technology Kharagpur	7.88
2010-2011	Class XII: CBSE	DAV Public School, Kota	90 %
2008-2009	Class X: CISCE	Boys' High School, Allahabad	96 %

WORK EXPERIENCE

PwC India, Gurgaon	Experienced Consultant - Risk Assurance Services <i>(Jan'18-Present)</i> <ul style="list-style-type: none"> • Working with a top Indian payment tech/e-wallet company to ramp up their analytics practice –Developed and implemented Predictive churn model using random forest algorithm to identify customers' churning out probability from the platform – Developing an uplift model to optimize the spend for user retention by modeling users' tendency to respond to marketing campaigns
ZS Associates, Gurgaon	Business Operations Associate <i>(Mar'16-Jan'18)</i> <ul style="list-style-type: none"> • Propensity to Buy Analysis: Account level cross-sell opportunity analysis for a leading global telecom provider which included identification of driving parameters, market opportunities and creating a cross-sell recommendation engine using k-nearest neighbors model developed in R • Predictive churn analysis for a global telecom giant: Used historical data and developed models using classification and regression algorithms like random forests and logistic regression for identifying the accounts most likely to drop-off in the near future thereby allowing the company to take adequate measures for reducing the account churn rate in its global enterprise arm • Market Research and Segmentation Study for a global tech giant: Study conducted across 6 countries for identifying segments that exist within the active online population for better targeting, identifying new opportunities and measuring brand loyalty in the market. Leveraged clustering techniques to identify the underlying segments with the surveyed sample from the population • Demand forecasting for a leading south Asian airline: Using forecasting methods and other predictive models like regression, MARS and random forest to better estimate the future demand on the top 20 routes of the airline based on passenger traffic • Sales model design and review for largest association of small businesses in the US: Using existing member and sales data for segmentation, account potentialization and better targeting of prospect members. Used decision trees for segmenting the member population
Total Environment Building Systems, Bangalore	Senior-Executive : Corporate Project Management Office <i>(Jul'15-Feb'16)</i> <ul style="list-style-type: none"> • Prepared construction schedule for an upcoming multistory residential project. • Prepared a Consolidated Project Tracker for mapping the progress of all the ongoing and proposed projects on a single dashboard

PROJECTS & INTERNSHIP

Avanti Learning Centres, New Delhi	Intern – Curriculum and operations team <i>(May-July'14)</i> <ul style="list-style-type: none"> • Worked with the Curriculum Team for developing a better suited curriculum for use with the Peer-Instruction Methodology • Worked with the Operations team in setting up a new Avanti Centre in Gurgaon in collaboration with the Haryana State Education Board
Larsen & Toubro Construction, New Delhi	Intern – Supply Chain and Procurement Office <i>(May-Jun'2013)</i> <ul style="list-style-type: none"> • Cost analysis on technical basis along with tax implication for selecting the appropriate vendor • Added over 50 vendors in the existing database for the NCR region
B.Tech Project, IIT Kharagpur	Traffic Mode Choice Modeling using Artificial Neural Networks <i>(Aug'14-Apr'15)</i> <ul style="list-style-type: none"> • Designed a predictive model using artificial neural networks for predicting the transportation choice of commuters based on demographic and trip data collected from a field survey in Kolkata • Determined the major contributing parameters influencing commuters' choice

SKILLS

Technical Skills	R, SQL, Python, Advanced Excel, Power Point, Tableau, SPSS, Knowledge Seeker, Alteryx
Analytical Skills	Predictive Analytics, Customer Insights/Segmentation, Market Research, Data wrangling and visualization, Analytics project management, Building and operationalizing ML solutions