

Akshit Meghawat

Education

Vellore Institute of Technology

Vellore, India

B. Tech. Information Technology

2011 - 2015

- CGPA = **8.54 / 10**
- **Relevant Coursework:** Problem Solving using C, Data Structures and Algorithms, Object Oriented Programming in C++, Programming in Java, Probability and Statistics, Linear Algebra, Operations Research, Numerical Analysis, Multivariable Calculus and Differential Equations (**grade A** in all), Artificial Intelligence, Database Systems, Advanced Database Management Systems, Discrete Mathematical Structures

R.N. Podar School

2010

- Grade 12, Central Board for Secondary Education (**CBSE**)
- **83.4 %**

Professional Experience

McKinsey & Company

Bangalore, India

Junior Digital Analyst

January 2016 - present

- Developed digital solutions/tools to enhance **data analysis & visualization** (**python**, numpy, pandas, **AngularJS**, **React-Redux**)
- Developed tools for:
 - Streamlining recruitment process by automating collection & visualization of data for a Cruise Line Agency. **Reduced recruitment process cycle from 2 weeks to 4 days.**
 - Automated credibility procedures for a shipping firm to perform risk assessment of its business partners.
 - Analyzed and improved tax collection mechanisms for government institutions.
 - Macro-level analysis for an insurance firm auto-consolidating data from various international databanks (OECD, WHO, World Bank).
 - **Event / initiative tracking** software for organizations to systematize data (initiative data) collection. **The software is used by >5 government organizations and >10 NGOs in Africa.**

McKinsey & Company

Bangalore, India

Software Developer Intern

January – December 2015

- Built web applications using **Agile methodology** and **Test Driven Development**.

Trusted Shares & Investment Ltd

Mumbai, India

Software Developer Intern

June – July 2013

- Developed a suite of software programs in C++ to simulate and optimize the **Turtle Trading model by Richard Dennis** enabling statistical and heuristic analysis of large amounts of financial data.

Projects

Udacity Machine Learning

July – August 2015

- Used machine learning algorithms to identify Enron employees who may have committed fraud based on the public Enron financial and email dataset (**python**, **scikit-learn**).

Operations Research

July – September 2014

- Developed a city traffic analyzer using **PERT analysis** and **Linear Programming (C++)**

Hospital Management System

July – October 2014

- Performed **logistic regression** to predict whether a particular hospital is ideal to visit for a patient having a specific disease.
- Developed the system in **WAMP** using **MySQL** database.

Object Oriented Analysis & Design

February – April 2013

- Developed an inventory management software in **C++** with the help of '**Rational Rose**'.

Positions of Responsibility

- Member, **Computer Society of India**, VIT University branch, India. Responsible for **organizing events** and **conducting seminars** in the club. One of the **premier technical clubs** in VIT University (2012 - 2014).
- Captain**, Football Team, Sahyadri School (2006 - 2008).

Certifications

- Machine Learning by **Andrew Ng** (Stanford University), Coursera (November 2015).
- R Programming** by John Hopkins University, Coursera. (August 2016)
- Intro to Computer Science (learn key concepts of computer science and build a **search engine** & a **social network**), Udacity. (February 2014)

Languages and Technologies

- Python**, Python Libraries: numpy, pandas, scikit-learn
- Matlab, R
- C, C++**, Java
- Web applications using **AngularJS**, **React-Redux**, JavaScript, HTML, CSS, Highcharts.js, Lodash.js

Achievements / Honours

- Secured 3rd position in the event '**Speed Coding**' organized in VIT, Vellore (11th April 2012)

Extracurricular Interests

- Drama & Theatre** group, Sahyadri School
- Football Team**, Sahyadri School & RN Podar School
- Conducted sport events** in McKinsey & Company. Organized two table tennis tournaments.