

PRAVEEN PATEL

B.Tech. – Computer Science

Maulana Azad National Institute of Technology – Bhopal

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EDUCATION

Year	Course	Board / Institution	Marks/CGPA
2013 - 17	B.Tech.	MANIT Bhopal	7.62
2011 - 12	Class-XII	K.V. No.1 GCF Jabalpur (CBSE)	90.80%
2009 - 10	Class-X	K.V. No.1 GCF Jabalpur (CBSE)	9.0

EXPERIENCE

- **Software Engineer, FactSet Research Systems Ltd., Hyderabad** (JULY '17 – PRESENT)
Working in core product development for FactSet 'Partners' software.
Language/Technology used: My-SQL, C++, C#, Visual Studio, Perforce.

TECHNICAL SKILLS

- Programming Languages: C, C++, C#, XML, SQL, MATLAB.
- Tools/Technologies: Visual Studio, MySQL, Hadoop.
- Others: Strong knowledge of Data Structures and Algorithms.

PROJECTS

Ensemble Techniques for Class Imbalance Problem (JAN '17 – MAR '17)

- **DESCRIPTION:** In this project, we solved Class Imbalance Problem i.e. the total number of class of data (positive) is far less than total number of another class of data (negative) using different ensemble techniques like Easy ensemble and balance cascade.
- **ROLE PLAYED:** Study and Implementation of easy ensemble and balance cascade.
- **SKILLS USED:** Machine Learning, MATLAB

Extreme Learning Machine with Ensembling Techniques on Weka (FEB '16 – MAR '16)

- **DESCRIPTION:** Integrated ELM classifier in Weka, analysed the performance of classifier on various Datasets and used several Ensembling techniques to improve the performance of the classifier.
- **ROLE PLAYED:** Study and Implementation of ELM algorithm.
- **SKILLS USED:** Machine Learning, Weka and JAVA.

Data Analysis using Hadoop and MapReduce (JAN '16)

- **DESCRIPTION:** Data analysis on several datasets using Hadoop (MapReduce). Analysis of various datasets like purchase, accounts etc. Some of the problems solved were to find the most profitable product, comparison of profits on weekdays vs. weekends and least profitable month.
- **ROLE PLAYED:** Implementation of MapReduce using python as programming language.
- **SKILLS USED:** Hadoop, Python.

Medical Store Management (DBMS PROJECT) (APR '15)

- **DESCRIPTION:** Created and managed desktop-based application for managing medical store.
- **ROLE PLAYED:** Developed front end and provided required support in backend.
- **SKILLS USED:** SQL, JAVA.

HOBBIES

- Sketching
- Acting
- Coding (Competitive Programming):
 - **CodeChef** ([profile page](#)) : country rank: **1946**, world rank: **3312**
 - **CodeForces** ([profile page](#)) : country rank: **727**, world rank: **8303**
 - **SPOJ** ([profile page](#)) : problem solved: **65**, world rank: **10281**
- Cooking
- Playing Football